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WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 1. 1889. VOL. L.] WEEK ENDING SATURDAY, JANUARY 5. [Price 1½d

General Register Office, Somerset House,
7th January, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 22·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.		Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.
Birkenhead	23·5	20·9	20·3	13·7	Liverpool -	24·0	26·0	24·9	29·6
Birmingham	17·6	22·0	15·7	22·1	London -	17·7	22·0	20·0	21·4
Blackburn -	32·4	28·9	29·8	39·2	Manchester -	24·1	25·0	25·1	28·0
Bolton -	18·4	19·3	23·9	25·9	Newcastle-on-Tyne*	19·0	19·0	23·3	20·1
Bradford*	17·9	19·5	18·6	22·0	Norwich -	18·4	24·0	15·6	23·2
Brighton -	13·9	17·0	16·5	12·9	Nottingham -	19·7	21·9	16·7	20·6
Bristol -	15·0	20·5	12·9	21·4	Oldham -	21·5	23·0	24·5	23·8
Cardiff*	25·0	32·2	30·8	32·9	Plymouth -	17·5	24·2	31·6	21·3
Derby -	17·9	13·6	12·5	21·7	Portsmouth -	18·7	17·2	19·1	23·3
Halifax -	11·7	15·0	22·1	20·6	Preston -	21·2	24·3	23·7	27·0
Huddersfield	20·5	20·5	28·5	22·5	Salford*	18·0	23·3	22·4	23·8
Hull -	14·2	18·1	12·9	19·1	Sheffield -	18·0	19·9	24·3	20·3
Leeds -	22·9	21·2	24·4	25·7	Sunderland -	16·2	26·5	22·5	23·3
Leicester*	16·7	23·5	17·1	23·2	Wolverhampton -	16·6	33·8	27·5	19·0

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·0 in Leeds, 2·3 in Bristol, 2·7 in Bolton, 2·8 in Huddersfield, 3·1 in Leicester, 3·6 in Salford, 3·8 in Liverpool, 4·2 in Cardiff, and 6·0 in Blackburn; from *scarlet fever*, 1·0 in Manchester, 1·4 in Sheffield, and 3·0 in Blackburn; from *whooping-cough*, 1·3 in Blackburn, 1·4 in Cardiff, 1·5 in Preston, 1·7 in Birmingham, and 2·8 in Norwich; and from "*fever*," 1·0 in Hull and in Birkenhead, and 1·1 in Salford. The 50 deaths from *diphtheria* in the twenty-eight towns included 33 in London, 4 in Manchester, 4 in Salford, and 2 in Nottingham. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2855 BIRTHS and 1784 DEATHS were registered. Allowing for increase of population, the births were 228, and the deaths 176, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·0 and 20·0 in the two preceding weeks, rose again last week to 21·4. During the thirteen weeks of last quarter the death-rate averaged 18·9 per 1000, and was 2·1 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1784 deaths included 143 from measles, 12 from scarlet fever, 33 from diphtheria, 32 from whooping-cough, 14 from enteric fever, 1 from an undefined form

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

of continued fever, 11 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 246 deaths were referred to these diseases, being 10 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 13. No small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, and only 2 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 184 and 147 in the two preceding weeks, further declined last week to 143, but exceeded the corrected average by 89; 9 belonged to Fulham, 11 to Bethnal Green, 5 to Newington, 5 to Bermondsey, 21 to Lambeth, 20 to Battersea, and 13 to Camberwell sanitary areas. The 12 deaths from *scarlet fever* showed a further decline from recent weekly numbers, and were 24 below the corrected average; 2 belonged to Camberwell sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 742 scarlet fever patients, against numbers declining in the seven preceding weeks from 980 to 791; 60 cases were admitted during the week, against numbers declining in the five previous weeks from 96 to 44. The fatal cases of *diphtheria*, which had been 39 and 34 in the two preceding weeks, further declined last week to 33, but exceeded the corrected average by 14; 3 belonged to Kensington, 2 to Hammersmith, 4 to Westminster (including 2 hospital cases admitted from 63, Coburg Buildings), 2 to London City, 3 to Lambeth, 3 to Wandsworth, and 2 to Camberwell sanitary areas. The 32 deaths from *whooping-cough* showed a further increase upon the low numbers in recent weeks, but were 46 below the corrected average; 16 occurred in South London, of which 4 belonged to Bermondsey, 3 to Camberwell, and 5 to Greenwich sanitary areas. The 11 deaths attributed to *diarrhoea* and *dysentery* showed a further decline from the numbers in the two previous weeks, and were 2 below the corrected average.

The deaths referred to *enteric fever*, which had been 18, 12, and 8 in the three preceding weeks, rose again last week to 14, but were 5 below the corrected average; 2 belonged to Hammersmith, 2 to Hackney, and 2 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 65 cases of enteric fever, and not one of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 6 and 4 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 440 and 412 in the two preceding weeks, rose last week to 484, but were 67 below the corrected average.

Different forms of violence caused 61 deaths; 54 were the result of negligence or accident, among which were 19 from fractures and contusions, 8 from burns and scalds, 5 from drowning, 3 from poison, and 17 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:— 2 by accidents from vehicles in street; 2 by accidents on railway; 1 by fall from window; 2 by fall from chair or seat; 2 by fall in passage or yard; 1 by fall from ladder; 3 (1 intoxicated) by fall down stairs; 1 by fall down coal lift; 1 by fall of scaffolding; 1 by fall of matting; 2 by fall, the nature of which was not stated; and 1 (intoxicated) by fracture, the cause of which was not stated. An inquest was held in each of these 19 cases.

The deaths of two reputed centenarians were registered last week; one, in Whitechapel, was of the widow of a fishmonger, whose age was stated to be 100; and the other of a retired sawyer in Camberwell, who was said to be aged 103 years.

GREATER LONDON.

In Greater London 3733 births and 2224 deaths were registered, corresponding to annual rates of 34·5 and 20·6 per 1000 of the estimated population. In the Outer Ring 18 fatal cases of measles, 8 of scarlet fever, 7 of diphtheria, and 6 of whooping-cough were registered. The deaths from measles included 5 in Croydon and 5 in West Ham sub-districts. Four of the eight deaths from scarlet fever also occurred in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·20 ins.; the lowest reading was 29·81 ins. at the beginning of the week, and the highest 30·54 ins. on Thursday evening. The mean temperature of the air was 31°·8, and 6°·2 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week, the coldest day being Saturday. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 5·4 miles per hour, which was 7·6 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 3·2 hours, against 13·5 hours at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 Great Towns, during the Week ending 5th January, 1889.

CITIES AND BOROUGHES.	COLS.	Registered during the Week ending 5th Jan., 1889.			DEATHS.		Deaths from										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGHES.
		1.	2.	3.	BIRTHS.	DEATHS.	Deaths of		Deaths from								Annual Rate per 1000, corresponding to the Week's Deaths						Mean.		In Inches.	In Cent.			
							Persons aged 1 Year or more	Infants under 1 Year	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Deaths in Public Institutions.	Unidentified (Causes of Death).	From All Causes.	From Diseases in Hospitals.	Fahrenheit.		Centigrade.						
																					4.	5.		6.			7.	8.	
28 TOWNS* LONDON BRIGHTON PORTSMOUTH NORWICH PLYMOUTH BRISTOL WOLVERHAMPTON	9,555,406 - - - - - - -	6148 2855 60 101 64 94 149 324	4161 1784 30 63 42 32 94 30	892 447 8 14 13 16 20 8	982 447 15 18 16 14 28 7	- - - - - - - -	314 143 - 2 - - 10 -	64 12 - - - - 1 -	50 33 1 - - - - -	108 32 1 5 1 1 1 15	41 15 - 1 1 1 1 2	41 11 - 1 1 1 1 2	162 61 - 1 2 3 1 12	319 132 1 2 4 3 2 26	642 300 2 4 4 3 10 26	86 26 1 4 4 3 2 4	22.7 21.4 12.9 23.3 23.2 21.3 21.4 19.0	3.4 2.9 0.9 1.5 3.9 1.3 3.0 0.0	45.2 40.0 40.3 29.0 - - 45.2 40.6 38.0	19.5 24.2 29.0 29.0 - - 31.6 19.5 22.7	32.8 31.8 34.7 34.7 37.2 29.8 29.8 29.8	0.44 -0.11 1.50 - - - -1.22 -1.22	0.19 0.00 0.00 0.00 0.00 0.00 0.01	0.48 - - - - - - 0.03	COLS. - 28 TOWNS. LONDON. BRIGHTON. PORTSMOUTH. NORWICH. PLYMOUTH. BRISTOL. WOLVERHAMPTON.				
BIRMINGHAM LEICESTER NOTTINGHAM DERBY BIRKENHEAD LIVERPOOL BOLTON MANCHESTER SALFORD OLDHAM BLACKBURN PRESTON HUDDESFIELD HALIFAX BRADFORD LEEDS SHEFFIELD HULL SUNDERLAND NEWCASTLE CARDIFF	454,835 160,520 237,812 18,529 102,511 606,562 114,670 378,800 234,283 142,405 121,275 104,194 92,825 81,080 235,056 357,449 327,227 208,617 184,193 160,988 112,712	193 85 126 64 66 379 61 252 114 73 84 82 56 45 120 241 225 131 79 100 108	461 1784 30 63 42 32 94 30	892 447 8 14 13 16 20 8	982 447 15 18 16 14 28 7	- - - - - - - -	314 143 - 2 - - 10 -	64 12 - - - - 1 -	50 33 1 - - - - -	108 32 1 5 1 1 1 15	41 15 - 1 1 1 1 2	41 11 - 1 1 1 1 2	162 61 - 1 2 3 1 12	319 132 1 2 4 3 2 26	642 300 2 4 4 3 10 26	86 26 1 4 4 3 2 4	22.7 21.4 12.9 23.3 23.2 21.3 21.4 19.0	3.4 2.9 0.9 1.5 3.9 1.3 3.0 0.0	45.2 40.0 40.3 29.0 - - 45.2 40.6 38.0	19.5 24.2 29.0 29.0 - - 31.6 19.5 22.7	32.8 31.8 34.7 34.7 37.2 29.8 29.8 29.8	0.44 -0.11 1.50 - - - -1.22 -1.22	0.19 0.00 0.00 0.00 0.00 0.00 0.01	0.48 - - - - - - 0.03	BIRMINGHAM. LEICESTER. NOTTINGHAM. DERBY. BIRKENHEAD. LIVERPOOL. BOLTON. MANCHESTER. SALFORD. OLDHAM. BLACKBURN. PRESTON. HUDDESFIELD. HALIFAX. BRADFORD. LEEDS. SHEFFIELD. HULL. SUNDERLAND. NEWCASTLE. CARDIFF.				
EDINBURGH GLASGOW DUBLIN	266,900 528,144 353,082	141 334 232	86 288 212	18 72 28	27 61 58	- - -	- 7 1	1 1 1	- 4 -	15 5 5	3 3 5	3 3 -	- 6 -	9 1 -	22 32 24	20 39 83	16.8 28.5 31.3	0.4 3.3 1.8	45.5 44.9 48.6	22.0 19.8 21.5	27.2 2.55 1.39	0.01 0.14 0.30	EDINBURGH. GLASGOW. DUBLIN.						

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIRST Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2899	2570	2913	2799	3044	2926	2816	2653	2804	2845	3082.6	2855
Males . .	1471	1278	1533	1412	1533	1503	1415	1335	1366	1484	1563.1	1481
Females .	1428	1292	1380	1387	1506	1423	1401	1318	1438	1361	1519.5	1374
TOTAL Deaths	1900	1754	1510	1858	1556	1663	1956	1784	2127	1863	1960.2	1784
Males . .	894	867	751	983	831	844	945	916	1023	944	981.2	905
Females .	1006	887	759	875	725	819	1011	868	1104	924	979.0	879

*The numbers in this column are the average-weekly numbers in the first weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.
TOTAL Births	2588	2459	2666	2373	2770	2606	2722	2367	2644	2291	2655	1876	2855
TOTAL Deaths	1536	1641	1737	1613	1520	1619	1409	1352	1461	1455	1802	1641	1784
Ages at Death													
{ 0–20 years	720	777	849	770	769	825	724	701	765	720	888	779	825
{ 20–40 "	219	197	199	189	186	179	167	164	177	178	197	173	204
{ 40–60 "	264	297	293	275	227	284	212	217	243	247	286	277	308
{ 60–80 "	273	297	325	310	288	260	257	223	228	251	356	335	366
{ at 80 years & upwds.	60	73	71	69	50	71	49	47	48	59	75	77	81
" Under 1 year	388	397	423	383	400	377	342	327	375	307	390	345	372
{ 1–5	263	277	329	297	281	332	292	288	296	314	375	341	358
{ 5–20	69	103	97	90	88	116	90	86	94	99	123	93	115
Deaths from Small-pox	—	—	1	1	—	—	—	—	—	—	—	—	—
" " Measles	50	80	100	88	109	124	133	141	139	154	184	147	143
" " Scarlet fever	30	33	25	24	18	31	20	24	30	17	25	20	12
" " Diphtheria	26	36	31	32	34	44	41	34	35	39	39	34	33
" " Whooping-cough	18	12	18	19	15	17	19	20	13	14	25	28	32
" " Typhus	—	—	—	—	—	—	1	—	1	—	—	—	—
" " Enteric fever	13	19	17	22	14	15	15	11	12	18	12	8	14
" " Simple Cont'd fever	1	1	2	—	—	—	1	—	—	—	—	—	1
" " Diarrhoea and Dysentery	43	42	30	34	18	16	18	13	19	11	16	14	11
" " Cholera	2	—	1	—	—	—	—	1	—	—	—	—	—
" " all the above-mentioned Diseases	183	223	225	220	208	247	248	245	249	253	301	251	246
" " Dis. of Respiratory System	311	364	522	441	373	374	287	258	277	330	440	412	484
" " Phthisis	175	180	157	149	126	152	132	136	144	160	153	152	154
" " Dis. of Circulatory System	138	152	129	138	133	108	105	96	101	109	127	130	160
Violent Deaths	60	51	57	59	50	60	43	54	62	40	81	52	61
Inquest Cases	116	109	120	117	110	117	105	103	150	86	154	107	132
Deaths in Public Institutions	346	367	395	369	346	371	311	311	302	353	395	335	360
TEMPERATURE OF THE AIR													
Mean	45.0	48.5	49.2	50.3	42.1	50.5	49.0	45.7	49.1	38.3	40.4	42.5	31.8
Mean of Highest readings	54.7	53.4	53.5	54.7	47.0	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1
Mean of Lowest readings	36.2	34.4	40.6	46.7	37.7	45.2	44.9	41.6	43.6	27.9	36.0	36.6	27.1
Humidity of the Air	79	87	89	92	86	89	81	89	87	93	94	90	93
Rain-fall in inches	0.02	0.00	0.00	2.68	0.20	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00
Registered Sunshine (in hours)	24.6	24.5	25.5	3.8	12.5	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Deaths from different Causes.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 1st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 5th January 1889.										CAUSES OF DEATH.	Corrected Averages for the 1st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 5th January 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	0-1.	1-5.	5-20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from													Deaths in Public Institutions.	Unclassified Causes as Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON		3,815,704	2855	1784	372	447	-	143	12	33	32	-	14	1	11	61	132	360	26		
West Districts		664,433	438	277	56	80	-	20	-	11	5	-	4	-	5	7	16	66	3		
North Districts		905,947	620	348	63	93	-	18	4	3	6	-	4	1	1	11	29	76	1		
Central Districts		282,238	183	125	19	18	-	9	1	4	1	-	1	-	-	8	13	35	1		
East Districts		697,738	537	369	86	92	-	23	-	3	4	-	1	-	3	19	42	97	-		
South Districts		1,265,148	1077	665	143	164	-	73	7	12	16	-	4	-	2	16	32	86	21		
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Districts.																					
St. Mary Paddington WHH G.J. & W.M.		69448	57	27	8	9	-	-	-	-	2	-	1	-	-	2	4	4	-		
St. John Paddington H - - G.J.		37330	12	13	1	1	-	-	-	-	-	-	-	-	-	1	1	7	-		
Kensington Town WHH - - W.M.		12311	67	52	12	16	-	4	-	3	1	-	-	-	2	2	2	13	-		
Brompton H - - W.M. & C.		43010	15	11	3	5	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Peter Hammersmith - - W.M.		7699	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64140	54	24	6	8	-	2	-	1	-	-	-	-	1	1	3	-	1		
Fulham WHH - - W.M. & C.		42990	70	34	7	7	-	9	-	1	1	-	2	-	-	-	1	8	-		
Chelsea South HHH - - C.		53696	23	10	4	2	-	-	-	-	1	-	1	-	-	-	-	1	-		
Chelsea North-west WHHHH - - C.		21925	17	15	1	7	-	2	-	-	-	-	-	-	-	-	-	8	-		
Chelsea North-east - - C.		82307	26	10	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
May Fair WW - - G.J.		50353	10	15	2	7	-	-	-	-	-	-	-	-	-	1	1	6	1		
Belgrave WHHH - - C.		45195	32	21	1	5	-	-	-	4	-	-	-	-	-	-	1	9	1		
St. John Westminster HHH - - C.		35195	26	15	4	5	-	1	-	-	-	-	-	-	-	-	-	6	-		
St. Margaret Westminster H - - C.		24579	10	14	3	4	-	-	-	2	-	-	-	-	1	-	-	6	-		
St. James Westminster WHH N.R. & G.J.		29941	9	9	2	1	-	1	-	-	-	-	-	-	1	-	-	1	-		
St. Anne Soho HHHHHH - - N.R.		18695	5	6	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
North Districts.																					
All Souls Marylebone HHHH - - W.M.		26759	11	21	2	6	-	-	-	-	-	-	-	-	-	1	1	12	-		
Cavendish Square HHHH - - W.M.		14881	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WHH G.J. & W.M.		24800	16	8	3	-	-	-	-	1	-	-	-	-	-	1	1	-	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	30	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Christchurch Marylebone H - - W.M.		33700	18	16	5	4	-	-	-	-	-	-	-	-	-	1	4	-	-		
St. John Marylebone H - - W.M.		33035	21	13	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Hamstead WHHHH N.R. & W.M.		45452	33	11	3	5	-	-	-	-	-	-	-	-	-	-	-	4	1		
Regent's Park Panacea H - - W.M.		39115	21	15	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tottenham-court WHHHH N.R. & W.M.		27729	5	23	1	5	-	1	-	5	-	-	-	-	-	1	3	13	-		
Gray's Inn Lane HHH - - N.R.		30247	9	10	1	-	-	1	-	1	-	-	-	-	-	-	-	6	-		
Somers Town H - - N.R.		34369	27	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camden Town WH - - N.R.		17311	14	11	2	7	-	-	-	-	1	-	-	-	1	1	2	7	-		
Kentish Town W - - N.R.		87487	63	36	6	12	-	3	1	-	1	-	-	-	-	1	2	8	-		
Upper Holloway WHHH - - N.R.		67945	48	32	10	8	-	2	-	-	1	-	1	-	-	2	3	10	-		
Islington South-west HH - - N.R.		100876	82	29	7	2	-	1	-	-	2	-	-	-	1	-	1	-	-		
Islington South-east - - N.R.		61825	44	20	3	5	-	-	-	1	-	-	-	-	-	1	2	-	-		
Highbury H - - N.R.		52048	27	16	6	4	-	1	-	-	-	-	-	-	-	-	-	2	-		
Stoke Newington H - - N.R.		22781	20	13	1	4	-	1	-	-	-	-	1	-	-	1	1	-	-		
Stamford Hill - - E.L.		9977	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - N.R.		37610	25	11	1	2	-	-	5	-	-	-	-	-	-	-	2	-	-		
Hackney WHHHH - - E.L. & N.R.		76911	55	35	4	10	-	1	-	3	1	1	-	2	-	1	3	14	-		
South Hackney - - E.L.		39383	38	8	1	3	-	1	-	-	-	-	-	-	-	-	1	-	-		
Central Districts.																					
St. George Bloomsbury - - N.R.		16681	7	3	2	-	-	1	-	-	-	-	-	-	-	-	1	-	-		
St. Giles South WE - - N.R.		14834	23	9	-	2	-	-	-	-	-	-	-	-	-	1	2	4	-		
St. Giles North - - N.R.		18837	9	6	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	8	7	1	1	-	-	1	-	-	-	-	-	-	1	1	2	-		
St. Mary-le-Strand H - - N.R.		7515	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - N.R.		8559	-	5	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
Strand Union Workhouse, Edmonton w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Geo. the Martyr HHHHHH N.R.		18571	9	8	1	-	-	-	-	1	-	-	-	-	-	1	1	7	-		
St. Andrew Eastern W - - N.R.		10708	7	5	2	-	-	1	-	-	-	-	-	-	-	-	1	1	-		
Salmon Hill H - - N.R.		6532	3	4	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. James Clerkenwell - - N.R.		17516	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - N.R.		19231	16	7	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Fentonville - - N.R.		14773	14	6	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Goodwell-street - - N.R.		17595	7	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
Old-street H - - N.R.		11341	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - N.R.		18628	18	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitecross-street - - N.R.		9217	7	7	3	-	-	2	-	-	-	-	-	-	-	-	1	2	-		
Finsbury - - N.R.		7458	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcham w.		-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - N.R. & E.L.		11174	7	5	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Cripplegate - - N.R.		7193	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.		5353	3	19	1	1	-	-	-	2	-	-	-	-	-	3	4	15	-		
St. Bride W - - N.R.		8396	2	5	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - N.R.		13666	5	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - N.R.		5652	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see not at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies a Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

		The DEATHS registered in the Week include	
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The following WORKHOUSES ESTABLISHED recently, indicated in all other districts than the one in which they stand, and are indicated in the above table by *:-

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
General London Sick Asylum, in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum "
Holborn Infirmary in Upper Holloway Town sub-district.	Winnington Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metrotonum Asylum District Hospitals in Farnham, Hampton, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
London City " " " "	

* Private Lunatic Asylums in which papers are received.

Area, Population, Births, Deaths, &c. in Outer Ring.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 5th January, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, Includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 6 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING		370,924	950,957	878	440	102	120	-	18	8	7	6	2	2	20	31	57	14
30: 1	Carshalton wL	12238	21118	12	10	-	5	-	-	-	-	-	-	-	-	-	9	-
2	Epsom (part of)* WwH	9971	10710	4	5	-	3	-	-	-	-	-	-	-	-	-	1	-
37: 1	Godstone (part of)*	2754	1235	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
38: 1	Croydon WwHHL	20351	101241	65	39	7	12	-	5	-	1	1	-	-	3	4	5	1
2	Mitcham w†	11597	17932	14	6	2	2	-	-	-	-	-	-	-	1	1	-	1
39: 1	Wimbledon HHH	3220	15950	17	6	1	1	-	-	-	-	-	-	-	-	-	-	1
2	Kingston WHH	8519	36354	24	15	3	2	-	1	-	-	-	-	-	-	2	4	-
3	Esher (part of)*	6301	9221	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H	4573	18539	13	5	1	-	-	1	-	-	-	-	-	1	1	1	-
40: 1	Richmond WH	2272	21302	12	10	2	4	-	-	-	-	-	-	-	-	-	3	-
2	Mortlake	2941	12331	9	7	2	4	-	-	-	-	-	-	1	-	-	-	-
41: 1	Bromley (pt. of)* HH	15659	81142	40	12	3	5	-	1	-	-	-	-	-	-	-	1	1
2	Chislehurst (pt. of)* WHH	14307	15844	16	8	-	4	-	-	-	-	-	-	-	-	1	1	-
42: 1	Bexley H	13437	24134	12	10	-	2	-	-	-	-	-	-	-	1	1	1	1
2	Dartford (Ww, pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w	11055	11655	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines W-	13277	12039	17	7	2	1	-	-	-	-	1	-	-	-	-	-	-
125: 1	Hillingdon WHH	6029	10302	7	6	1	4	-	-	-	-	-	-	-	-	1	2	-
2	Uxbridge	6178	3225	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL	14537	11523	7	5	-	2	-	-	-	-	-	-	-	-	-	3	-
126: 1	Isleworth WHH	7009	23727	12	12	4	3	-	-	-	-	-	-	-	-	-	3	-
2	Twickenham H-	2477	12479	5	5	1	2	-	-	-	1	-	-	-	-	-	-	-
3	Brentford HL	4345	27349	27	16	6	4	-	-	-	1	-	-	-	-	-	-	-
4	Chislewick	1340	15975	18	5	2	1	-	1	-	-	-	-	-	1	2	-	-
5	Acton wH	6993	22376	24	9	1	3	-	-	-	-	-	-	-	-	-	-	-
127: 1	Harrow H-	13409	12793	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H	6994	3749	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	27453	41	18	8	3	-	-	-	-	1	-	-	1	1	-	-
4	Hendon W	8332	10434	8	3	-	2	-	-	1	-	-	-	-	-	-	-	-
127: 1	Bushey	9331	6621	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)*	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms	15599	6391	4	2	1	1	-	-	-	-	-	-	-	1	1	-	-
2	Barnet	5433	10092	4	3	-	2	-	-	-	-	-	-	-	-	-	1	-
3	Finchley HL	4938	17615	10	15	2	3	-	-	1	1	-	-	-	1	1	8	-
128: 1	Hatfield (part of)*	3806	593	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey H-	3039	37078	13	10	1	4	-	1	-	1	-	-	-	-	-	-	-
2	Tottenham H	4542	46456	76	25	8	7	-	-	-	-	2	-	-	-	3	-	-
3	Edmonton Ww†	7483	23433	28	10	3	4	-	2	-	1	-	-	-	1	2	-	-
4	Enfield WH	12653	19104	27	7	3	-	-	1	-	-	-	1	-	-	-	-	-
5	Waltham Abbey	11017	5343	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-
6	Chesham	8490	7785	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-
130: 1	Stratford	832	38003	37	12	5	1	-	-	1	-	-	-	-	2	2	-	-
2	West Ham wwwwH§	7351	101053	127	62	13	11	-	5	4	-	-	-	-	1	3	5	5
3	Leyton WwL	4372	32430	41	26	6	9	-	-	-	-	1	-	-	1	1	9	7
4	Walthamstow H	6520	28939	30	17	6	1	-	1	-	1	-	1	-	-	1	-	2
131: 1	Chigwell (part of)* H	11761	9039	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Epping (W, pt. of)*	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132: 1	Romford (part of)* W	6739	3411	1	1	-	1	-	-	-	-	-	-	-	1	1	-	-
2	Ilford	8193	7645	10	3	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town	4127	9203	13	5	3	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Catman and sub-district; 127: 1, Chigwell sub-district, except the parish of Chislefield (pop. 947); 131: 1, the parish of Northw in Hatfield; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).
 § Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winch more Hill (see Table 5).

Greater London, and Foreign Cities.

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th January, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	20·6	2·7	2224	474	567	-	161	20	40	38	17	13	81	417		
INNER LONDON -	77,410	4,351,738	21·4	2·9	1734	372	447	-	143	12	33	32	15	11	61	380		
OUTER RING -	370,924	1,290,277	17·8	1·7	440	102	120	-	18	8	7	6	2	2	20	57		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 709·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.
CALCUTTA	433,219	November 24	-	-	-	-	-	-	-	-	-	-
BOMBAY	773,196	December 11	361	416	24·0	1	7	?	?	?	135	40†
MADRAS	398,777	November 23	335	298	38·7	1	3	?	?	?	55	54†
PARIS	2,260,945	December 29	1136	1033	23·8	6	42	4	42*	2	21	43
BRUSSELS (with 8 Faubourgs.)	462,089	" 29	264	187	21·0	-	9	1	-	2	-	16
AMSTERDAM	390,016	" 29	295	189	25·2	-	11	-	6	3	1	-
ROTTERDAM	193,658	" 29	147	87	23·3	-	-	-	-	2	1	-
THE HAGUE	149,477	" 29	97	56	19·4	-	-	-	-	-	1	1
COPENHAGEN (11 days.)	300,000	" 29	303	135	14·9	-	-	6	4	4	-	3
STOCKHOLM	221,549	" 22	161	67	15·7	-	-	2	3*	-	-	6
CHRISTIANIA	135,600	" 29	108	52	19·9	-	-	-	9*	-	-	2
ST. PETERSBURG	842,883	" 22	-	433	23·7	-	1	13	6	1	9	73
BERLIN	1,438,006	" 15	884	488	17·4	-	6	5	22	6	2	34
HAMBURG (State)	550,694	" 22	381	238	22·6	-	-	-	10*	2	6	28
DRESDEN	259,142	" 23	145	88	17·7	?	-	-	5*	?	-	3
BRISLAU	313,451	" 29	212	148	25·1	-	1	-	12	-	1	7
MUNICH	275,000	" 22	182	147	27·8	-	6	7*	7*	2	-	21
VIENNA	800,836	" 22	430	387	25·1	1	3	7	8	-	8	29
PRAGUE	295,857	" 22	-	155	27·3	7	3	1	13	2	2	1
BUDA-PESTH	442,787	" 22	318	255	29·9	-	-	-	8	1	5	20
TRIESTE	156,042	" 22	-	77	25·7	3	-	-	-	-	-	2
ROME	388,300	November 17	221	188	25·3	1	-	-	3	-	10†	13
TURIN (10 days)	294,826	" 30	-	-	-	-	-	-	-	-	-	-
VENICE	150,502	December 15	86	59	20·5	-	-	-	-	-	-	4
CAIRO	374,338	" 13	481	315	43·8	1	2	-	1*	3	13	62
ALEXANDRIA	231,396	" 13	223	179	40·4	-	-	-	-	-	11	48
NEW YORK	1,493,000	" 15	-	684	23·9	-	19	34	23	20	10	9
BROOKLYN	774,870	" 15	-	339	22·0	-	5	2	17	8	4	2
PHILADELPHIA	1,010,758	" 15	-	331	17·0	-	-	9	11	2	10	4
BALTIMORE	431,870	" 15	-	161	19·5	-	-	-	1	4	2	2

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 6 from Cholera in Bombay, and 3 in Madras.

‡ Including 5 deaths from Malarial Fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 5th JANUARY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1888-9.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a gauge receiving 5 inches of surface above the Ground.								
Month and Day.	Phases of the Moon.	Of the Air.		Difference between the Air Temperature and Dew Point Temperature.		Degree of Humidity (Saturation equals 100°).		Of Radiation.		Of the Water of the Thames at Deptford.		General Direction.		Pressure on the Square Foot.		Robinson's.		Ozone.								
		High. est.	Low. est.	High. est.	Low. est.	Mean value.	Great. est.	High. est. on the Sun's rays.	Low. est. on the Grass.	High. est. on the Water.	Low. est.	A.M.	P.M.	Great. est.	Least.	Mean of 24 hours.	Horizontal Movement of the Air on each Day.	Average of 10 Years.								
DECEMBER.		In.																								
SUN. . 30	..	29.912	40.0	31.3	8.7	35.0	—	3.5	33.2	1.8	6.4	0.0	93	60.0	22.0	44.6	41.6	N. & NNE.	N. & NNE.	lbs. 2.3	0.0	0.3	288	— 18	0.00	0.0
MON. . 31	Perigee.	29.945	37.1	25.9	11.2	30.6	—	7.7	29.4	1.2	3.0	0.0	95	48.3	20.4	44.4	41.4	Calm.	Calm.	0.0	0.0	0.0	57	— 252	0.00	0.0
TUES. . 1	New Moon.	30.042	35.2	25.8	8.4	30.8	—	7.3	30.6	0.2	2.0	0.0	99	35.8	24.0	41.4	38.7	Calm.	Calm.	0.0	0.0	0.0	111	— 200	0.00	0.0
WED. . 2	1st Quarter.	30.330	37.5	25.5	12.0	32.0	—	5.0	28.9	4.0	5.8	1.7	85	42.0	18.0	41.7	37.3	NE. & NNE.	NNE.	0.4	0.0	0.0	191	— 122	0.00	0.0
THURS. . 3	2nd Quarter.	30.526	37.1	20.7	7.4	34.4	—	3.4	30.9	3.5	5.5	0.0	87	40.4	26.5	40.0	35.3	NE. & NE.	NE.	0.3	0.0	0.0	142	— 173	0.00	0.0
FRI. . 4	..	30.446	35.1	26.2	8.9	31.8	—	5.9	29.4	2.4	4.4	0.0	91	41.0	22.8	38.0	34.3	Calm. & S.	SW.	0.0	0.0	0.0	47	— 269	0.00	0.0
SAT. . 5	..	30.178	30.5	24.2	6.3	27.1	—	10.5	27.1	0.0	0.0	0.0	100	34.0	24.2	39.2	34.2	SW.	Calm.	0.0	0.0	0.0	67	— 250	0.00	3.0
MEANS .	..	30.107	36.1	27.1	9.0	31.8	—	6.2	29.9	1.9	3.9	0.2	93	42.4	22.6	41.3	37.5	NE. & Calm.	NE. & Calm.	Sum 903	Sum 1284	Sum 0.00	0.4
No. of Col. .	3	4	5	6	7	8		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.		ELECTRICITY.		Registered Sun above Sunshine.		Horizon.		GENERAL REMARKS.																		
DECEMBER.		(For explanation of symbols, see Note.)		in hours.		in hours.																				
SUNDAY . 30				2.2		7.8		Cloudy in morning; cloudless and very fine afterwards. Hoar frost at night.																		
MONDAY . 31				0.9		7.8		Hoar frost and dense fog in morning; fine and bright in afternoon; very dense fog at night.																		
JANUARY.				0.0		7.9		Dense fog prevailed generally till afternoon; fine afterwards. Hoar frost.																		
TUESDAY . 1				0.1		7.9		Fine and frosty in morning; slightly foggy in forenoon; partially cloudy till evening; overcast generally at night.																		
WEDNESDAY . 2	Instrument under adjustment.			0.0		7.9		Overcast generally till night; then cloudless, but foggy.																		
THURSDAY . 3				0.0		7.9		Dense fog in morning; overcast during remainder of day.																		
FRIDAY . 4				0.0		7.9		Overcast. Foggy. Very cold.																		
SATURDAY . 5				Sum 3.2		55.1																				
MEANS .				29		30																				

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1876.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, positive; -, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.81 in. at the beginning of the week to 29.98 in. by 9h. A.M. on the 31st of December; decreased to 29.92 in. by 3h. P.M. on the same day; increased to 30.54 in. by 9h. P.M. on the 3rd of January; and decreased to 30.07 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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*General Register Office, Somerset House,
14th January, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 25·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.		Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.
Birkenhead	20·9	20·3	13·7	26·0	Liverpool -	26·0	24·9	29·6	28·9
Birmingham	22·0	15·7	22·1	28·3	London -	22·0	20·0	21·4	24·9
Blackburn -	28·9	29·8	39·2	44·8	Manchester -	25·0	25·1	28·0	34·6
Bolton -	19·3	23·9	25·9	24·1	Newcastle-on-Tyne*	19·0	23·3	20·1	23·7
Bradford* -	19·5	18·6	22·0	20·0	Norwich -	24·0	15·6	23·2	24·8
Brighton -	17·0	16·5	12·9	16·7	Nottingham -	21·9	16·7	20·6	18·2
Bristol -	20·5	12·9	21·4	25·5	Oldham -	23·0	24·5	23·8	26·7
Cardiff*	32·2	30·8	32·9	31·9	Plymouth -	24·2	31·6	21·3	21·3
Derby -	13·6	12·5	21·7	21·7	Portsmouth -	17·2	19·1	23·3	21·1
Halifax -	15·0	22·1	20·6	25·1	Preston -	24·3	23·7	27·0	30·5
Huddersfield	20·5	28·5	22·5	24·2	Salford* -	23·3	22·4	23·8	26·7
Hull -	18·1	12·9	19·1	18·8	Sheffield -	19·9	24·3	20·3	26·0
Leeds -	21·2	24·4	25·7	24·2	Sunderland -	26·5	22·5	23·3	22·6
Leicester*	23·5	17·1	23·2	23·9	Wolverhampton -	33·8	27·5	19·0	28·4

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 3·4 in Liverpool, 3·7 in Oldham, 3·9 in Huddersfield, 4·2 in Cardiff, 5·8 in Salford, and 8·6 in Blackburn; from *whooping-cough*, 2·0 in Preston, 2·2 in Blackburn, and 2·3 in Birmingham; from *scarlet fever*, 1·1 in Oldham and 3·4 in Blackburn; and from "*fever*," 1·2 in Sunderland. The 35 deaths from *diphtheria* in the twenty-eight towns included 21 in London, 7 in Manchester, and 3 in Salford. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2671 BIRTHS and 2075 DEATHS were registered. Allowing for increase of population, the births were 233 below, while the deaths exceeded by 160, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·0 and 21·4 per 1000 in the two preceding weeks, further rose last week to 24·9, and exceeded the rate recorded in any week of last year.

The 2075 deaths included 176 from measles, 17 from scarlet fever, 21 from diphtheria, 37 from whooping-cough, 10 from enteric fever, 1 from an undefined form of continued fever, 12 from diarrhoea and dysentery, 1 from choleraic diarrhoea, and

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

not one from small-pox or typhus; thus, 275 deaths were referred to these diseases being 41 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 13. The fatal cases of *measles*, which had been 184, 147, and 143 in the three preceding weeks, rose again last week to 176, and exceeded the corrected average by 126; 11 belonged to Islington, 10 to Bethnal Green, 10 to Newington, 19 to Lambeth, 17 to Battersea, and 36 to Camberwell sanitary areas. The 17 deaths from *scarlet fever* were 24 below the corrected average; 3 belonged to Newington sanitary area. The 21 deaths from *diphtheria*, showed a further decline from recent weekly numbers, but exceeded the corrected average by 5; 4 belonged to Lambeth and 3 to Hammersmith sanitary areas. The 37 fatal cases of *whooping-cough* showed, on the other hand, a further increase upon the numbers in recent weeks, but were 44 below the corrected average; 17 belonged to the sanitary areas in South London. The 10 deaths referred to *enteric fever* were 6 below the corrected average, and fewer by 4 than the number in the previous week. The deaths from diseases of the respiratory organs further rose last week to 652, and exceeded the corrected average by 106.

GREATER LONDON.

In Greater London 3497 births and 2483 deaths were registered, corresponding to annual rates of 32·3 and 23·0 per 1000 of the estimated population. In the Outer Ring 22 deaths from measles were registered, of which 6 occurred in West Ham, 3 in Croydon, and 3 in Willesden sub-districts. Two fatal cases of "fever" were recorded in Tottenham sub-district.

DEATHS BELONGING TO THE SEVERAL SANITARY AREAS OF REGISTRATION LONDON registered in the 13 WEEKS ENDING ON 29TH DECEMBER, 1888.

SANITARY AREAS.	Deaths.	Deaths from Principal Zymotic Diseases.									Deaths of Infants under 1 Year of Age.	Deaths under 1 year to 1000 of this registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Modified Fever.	Diarrhoea.		
REGISTRATION LONDON	19,701	2	1488	317	441	223	3	177	6	341	4815	148
WEST.												
Paddington - - - - -	451	1	32	1	17	10	-	4	-	5	85	119
Kensington - - - - -	751	-	70	3	42	4	-	9	2	12	147	183
Hammersmith - - - - -	426	-	35	6	23	3	-	7	-	13	123	176
Fulham - - - - -	379	1	41	3	1	2	-	2	-	3	100	133
Chelsea - - - - -	451	-	45	4	6	6	1	2	-	9	131	181
St. George Hanover Square - - - - -	330	-	7	5	10	1	-	3	-	3	50	119
Westminster - - - - -	277	-	5	1	17	3	-	2	-	3	57	133
St. James Westminster - - - - -	103	-	-	-	2	-	-	2	-	-	19	124
NORTH.												
Marylebone - - - - -	730	-	88	4	7	5	-	4	-	9	167	144
Hampstead - - - - -	103	-	4	1	3	2	-	1	-	4	39	112
Pancras - - - - -	1200	-	180	13	29	11	-	1	1	17	289	151
Islington - - - - -	1383	-	91	16	12	14	1	25	-	22	316	132
Hackney - - - - -	851	-	31	21	14	11	-	10	-	13	225	142
CENTRAL.												
St. Giles - - - - -	206	-	7	1	1	9	-	3	-	3	48	167
St. Martin-in-the-Fields - - - - -	71	-	5	1	-	1	-	-	-	10	185	10
Strand - - - - -	156	-	9	-	1	5	-	3	-	3	57	213
Holborn - - - - -	209	-	10	4	1	-	-	-	-	2	49	207
Clerkenwell - - - - -	391	-	37	7	6	4	-	3	1	11	97	172
St. Luke's - - - - -	282	-	41	6	3	-	-	-	-	1	63	132
London City - - - - -	217	-	10	6	4	1	-	1	-	2	22	117
EAST.												
Shoreditch - - - - -	693	-	74	11	7	5	-	4	-	17	170	143
Bethnal Green - - - - -	561	-	95	41	29	5	-	5	-	9	221	178
Whitechapel - - - - -	382	-	13	4	12	-	-	5	-	12	95	105
St. George-in-the-East - - - - -	304	-	14	2	7	1	-	3	-	8	75	139
Sternay - - - - -	395	-	58	1	10	5	-	2	-	11	115	209
Mile End Old Town - - - - -	549	-	71	11	6	3	-	2	-	6	142	143
Poplar - - - - -	840	-	69	22	13	8	-	11	-	12	193	134
SOUTH.												
St. Saviour Southwark - - - - -	174	-	31	2	7	2	-	2	-	4	51	243
St. George Southwark - - - - -	584	-	23	6	8	9	-	2	-	13	101	189
Newington - - - - -	557	-	25	1	9	10	-	5	1	9	140	142
St. Olave Southwark - - - - -	68	-	1	2	-	-	-	-	-	-	18	134
Hermandsey - - - - -	450	-	13	9	3	9	-	4	-	8	114	152
Rotherhithe - - - - -	206	-	1	6	2	2	-	-	1	11	64	178
Lambeth - - - - -	1322	-	102	22	10	24	-	12	-	17	312	138
Battersea - - - - -	612	-	65	6	7	6	-	2	-	13	197	182
Wandsworth - - - - -	543	-	87	6	28	2	-	6	-	18	129	184
Camberwell - - - - -	1070	-	79	39	20	21	1	7	-	14	262	146
Greenwich - - - - -	695	-	2	7	5	18	-	6	-	15	138	147
Lewisham (excluding Penge) - - - - -	227	-	7	2	1	-	-	2	-	5	85	127
Woolwich - - - - -	160	-	8	1	2	-	-	-	-	4	48	154
Plumstead - - - - -	245	-	-	3	3	-	-	1	-	4	66	96

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 23 that occurred, outside that area, in the

Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals, have been distributed to the sanitary areas from which the deceased inmates were admitted. On the other hand the deaths of 347 non-residents who died in Public Institutions inside London have been excluded from the Table.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29.53 ins.; the highest reading was 30.07 ins. at the beginning of the week, and the lowest 29.09 ins. on Thursday morning. The mean temperature of the air was 35°·3, and 2°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Tuesday, Wednesday, and Friday, but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8.7 miles per hour, which was 4.5 miles below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0.49 of an inch. The duration of registered bright sunshine in the week was 2.7 hours, against 6.4 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of DECEMBER 1888; according to their returns 153,616,885 gallons or 697,952 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 206 gallons 93.6 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7.8 persons to each house) 26.4 gallons (12.0 decalitres) to each person, against 26.8 gallons during December 1887.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	DECEMBER. 1887.	DECEMBER. 1888.	DECEMBER. 1887.	DECEMBER. 1888.
TOTAL SUPPLY	733,128	746,277	153,157,994	153,616,885
From Thames	353,300	359,073	77,490,690	75,789,333
From Lea and from other Sources	379,828	386,604	75,667,304	77,827,547
THAMES.				
Chelsea	34,402	34,764	9,229,585	8,839,097
West Middlesex	69,908	71,095	14,313,888	14,125,189
Southwark and Vauxhall	105,741	110,407	22,898,834	21,084,715
Grand Junction	53,831	55,093	15,519,083	15,898,637
Lambeth	86,418	88,314	15,529,300	16,841,800
LEA AND OTHER SOURCES.				
New River	149,457	151,775	27,002,000	28,656,000
East London	160,252	163,368	37,896,729	38,591,415
Kent	70,119	71,461	10,768,575	10,589,132

Note.—The Return for December 1888, compared with that for the corresponding month of 1887, shows an increase of 13,149 houses, and of 458,891 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER.

*The Yeus, Reigate,
7th January, 1889.*

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of December.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0.5, Colne Valley and Tottenham 1.6, New River 3.7, Chelsea 4.6, Lambeth 4.8, Southwark, Grand Junction, and East London 4.9, and West Middlesex 6.0.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies again exhibited, in every case, an increased quantity of organic matter. The augmentation was most marked in the West Middlesex Company's water which contained a considerable larger proportion than I have observed in any Metropolitan water for a long time past. Moreover the organic matter in this, and in the supplies of the Southwark and Grand Junction Companies, was also somewhat highly nitrogenous. All the samples were well filtered.

The water chiefly derived from the River Lea, and distributed by the New River and East London Companies exhibited a corresponding increase of organic matter, the actual proportion present in the New River Company's was, however, considerably smaller than in any of the other river supplies. Both samples were clear and bright.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter. The Colne Valley Company's water was softened by treatment with lime before delivery, although the degree of softness produced was less than usual.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and very pale yellow; the remaining waters clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "brownish yellow and turbid, and contained an unusually large quantity of organic matter."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.										
	Chelsea	December 11th, Cab Rank, Victoria-st.	12.5	30.42	.236	.036	0	.265	.301	1.8	21.2
	West Middlesex	December 11th, Cab Rank, Portland-road.	9.8	31.00	.288	.065	0	.270	.335	1.8	21.5
	Southwark	December 11th, Cab Rank, Bricklayers Arms, Old Kent-road.	9.9	31.46	.230	.061	0	.277	.338	1.7	22.7
	Grand Junction	December 11th, Cab Rank, Uxbridge-road, near Marble Arch.	9.0	32.80	.227	.065	0	.294	.359	1.7	23.0
	Lambeth	December 11th, Cab Rank, St. George's- road, Southwark.	10.2	32.24	.242	.042	0	.317	.359	1.8	22.4
	LRA.										
Outer Circle.	New River	December 11th, Cab Rank, Tottenham Court-road.	9.5	32.50	.185	.031	0	.322	.353	1.8	23.3
	East London	December 11th, Fire Brigade Station, Commercial-road, E.	8.8	38.74	.219	.070	0	.311	.381	2.0	26.8
	DEEP WELLS.										
	Kent	December 11th, Mill Lane, Deptford.	12.5	33.54	.024	.006	0	.491	.497	2.0	25.7
	Colne Valley	December 14th, Bushey.	—	19.30	.077	.018	0	.310	.328	2.1	9.0
	Tottenham	December 15th, Tottenham.	—	40.20	.067	.025	.085	.010	.105	2.7	23.0
	Corporation of Birming- ham*	December 4th, 112, Aberdeen-street.	9.4	28.88	.246	.043	0	.198	.241	1.7	16.4
	Corporation of Glasgow†	December 15th, Supply from Loch Katrine.	6.3	2.80	.162	.038	0	.004	.042	.7	1.0
Column 1.			3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 11th December at the Victoria St. cab-rank, had a temperature of 12.5 C.; 100,000 lbs. of it contained 30.42 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained .236 lb. of carbon and .036 lb. of nitrogen. The above quantity of water also contained no ammonia, and .265 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .301 lb. The above weight of water also contained 1.8 lbs. of chlorine; and 21.2 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 26 GREAT TOWNS, during the Week ending 12th January, 1889.

CITIES AND BOROUGHES.	Registered during the Week ending 12th Jan., 1889.			Deaths of Persons aged 1 Year of Age.		Deaths from										Annual Rate per 1000, corresponding to the Week's Deaths				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.				
	BIRTHS.	DEATHS.	3.	4.	5.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Cases.	From All Causes.	From Infectious Diseases in Cols. 6-12.	Fahrenheit.		Mean.	Centigrade.	In Inches.	In Centi- meters.						
																			19.	20.					21.		22.	23.	24.	
Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	Colts.	
28 TOWNS.	9,555,406	6157	4670	916	1262	366	50	35	123	31	36	155	311	731	113	25.5	3.5	50.5	19.8	36.3	2.39	0.56	1.42	23.	24.	25.	26.	27.	28 TOWNS.	
LONDON.	4,351,798	2971	2075	373	624	176	17	21	37	11	12	58	143	389	31	24.9	3.3	49.0	19.8	25.3	1.83	0.40	1.24	23.	24.	25.	26.	27.	LONDON.	
BRIGHTON.	121,807	65	39	10	13	-	-	-	-	-	-	-	-	5	1	16.7	0.4	47.0	25.5	37.6	3.11	0.84	2.13	23.	24.	25.	26.	27.	BRIGHTON.	
PORTSMOUTH.	141,283	104	57	14	19	-	-	-	-	-	-	-	-	7	-	21.1	0.4	-	-	-	-	-	-	23.	24.	25.	26.	27.	PORTSMOUTH.	
NORWICH.	144,510	56	45	9	21	-	-	-	-	-	-	-	-	-	-	24.8	0.6	-	-	-	-	-	-	23.	24.	25.	26.	27.	NORWICH.	
PLYMOUTH.	78,225	39	32	8	12	-	-	-	-	-	-	-	-	-	-	21.3	0.0	50.5	29.5	40.5	4.72	1.03	2.62	23.	24.	25.	26.	27.	PLYMOUTH.	
BRISTOL.	239,361	126	112	19	31	-	-	-	-	-	-	-	-	24	4	25.5	3.9	47.5	24.0	36.1	2.23	0.35	0.89	23.	24.	25.	26.	27.	BRISTOL.	
WOLVERHAMPTON.	82,544	52	45	11	10	-	2	1	-	-	1	1	3	6	-	23.4	3.2	45.0	21.1	33.3	0.72	0.22	0.56	23.	24.	25.	26.	27.	WOLVERHAMPTON.	
BIRMINGHAM.	454,835	303	247	54	62	-	4	-	-	-	3	8	19	39	4	28.3	3.1	-	-	-	-	-	-	23.	24.	25.	26.	27.	BIRMINGHAM.	
LEICESTER.	150,520	84	69	19	12	-	5	-	-	-	-	-	5	6	8	5	23.9	1.7	-	-	-	-	-	-	23.	24.	25.	26.	27.	LEICESTER.
NOTTINGHAM.	237,812	138	83	21	25	-	1	2	-	5	1	-	5	6	8	5	18.2	2.0	46.1	20.3	33.5	0.83	0.68	1.68	23.	24.	25.	26.	27.	NOTTINGHAM.
DERBY.	18,529	80	41	15	11	-	-	-	-	-	-	-	-	3	1	21.7	1.1	-	-	-	-	-	-	23.	24.	25.	26.	27.	DERBY.	
BIRKENHEAD.	102,511	84	51	9	11	-	2	-	-	-	-	-	-	5	6	26.0	1.5	-	-	-	-	-	-	23.	24.	25.	26.	27.	BIRKENHEAD.	
LIVERPOOL.	606,562	410	336	74	59	-	40	9	1	14	2	2	17	20	38	24	28.9	5.8	45.0	24.4	37.2	2.89	0.10	0.25	23.	24.	25.	26.	27.	LIVERPOOL.
BOLTON.	114,670	93	53	6	14	-	2	-	-	-	1	1	1	-	3	5	24.1	2.3	-	-	-	-	-	-	23.	24.	25.	26.	27.	BOLTON.
MANCHESTER.	578,800	323	251	41	53	-	17	4	7	8	2	3	11	22	51	5	34.6	5.6	-	-	-	-	-	-	23.	24.	25.	26.	27.	MANCHESTER.
SALFORD.	161,233	161	120	19	18	-	26	1	3	2	1	3	5	7	23	2	26.7	8.0	-	-	-	-	-	-	23.	24.	25.	26.	27.	SALFORD.
OLDHAM.	142,405	85	73	14	16	-	10	-	-	-	-	-	-	3	3	26.7	5.9	-	-	-	-	-	-	23.	24.	25.	26.	27.	OLDHAM.	
BLACKBURN.	121,275	87	104	20	17	-	20	8	-	-	-	-	-	5	3	44.8	16.4	-	-	-	-	-	-	23.	24.	25.	26.	27.	BLACKBURN.	
PRESTON.	104,194	95	61	17	19	-	-	-	-	-	-	-	-	5	2	30.5	2.5	-	-	-	-	-	-	23.	24.	25.	26.	27.	PRESTON.	
HUDDESFIELD.	92,825	51	43	7	20	-	7	-	-	-	-	-	-	6	2	24.2	3.9	-	-	-	-	-	-	23.	24.	25.	26.	27.	HUDDESFIELD.	
HALIFAX.	81,080	47	39	5	13	-	-	-	-	-	-	-	-	1	1	25.1	0.0	-	-	-	-	-	-	23.	24.	25.	26.	27.	HALIFAX.	
BRADFORD.	225,066	138	90	17	25	-	2	-	-	-	-	-	-	7	13	20.0	1.6	45.3	29.8	37.9	3.23	0.21	0.53	23.	24.	25.	26.	27.	BRADFORD.	
LEEDS.	357,449	226	168	37	44	-	18	4	-	-	2	4	7	13	1	20.0	1.6	45.3	29.8	37.9	3.23	0.21	0.53	23.	24.	25.	26.	27.	LEEDS.	
SHEFFIELD.	327,227	226	163	31	40	-	15	1	-	-	-	-	-	8	11	26.0	3.5	-	-	-	-	-	-	23.	24.	25.	26.	27.	SHEFFIELD.	
HULL.	216,017	124	75	20	22	-	-	-	-	-	-	-	-	5	6	18.8	0.8	46.0	21.0	34.7	1.50	1.10	2.79	23.	24.	25.	26.	27.	HULL.	
SUNDERLAND.	184,183	90	53	11	22	-	-	-	-	-	-	-	-	9	-	22.6	2.3	-	-	-	-	-	-	23.	24.	25.	26.	27.	SUNDERLAND.	
NEWCASTLE.	160,983	115	73	13	16	-	-	-	-	-	-	-	-	10	-	23.7	1.0	44.0	30.0	37.3	2.94	0.56	1.42	23.	24.	25.	26.	27.	NEWCASTLE.	
CARDIFF.	112,712	84	69	22	13	-	9	-	-	-	-	-	-	7	9	31.9	5.1	-	-	-	-	-	-	23.	24.	25.	26.	27.	CARDIFF.	
EDINBURGH.	266,800	135	110	22	30	-	-	-	-	6	2	-	1	2	19	33	21.5	1.8	43.8	27.0	33.1	3.39	0.07	0.18	23.	24.	25.	26.	27.	EDINBURGH.
GLASGOW.	528,144	483	294	53	59	-	12	6	3	12	2	4	8	5	51	39	29.0	3.9	45.7	26.8	37.8	3.22	0.60	1.52	23.	24.	25.	26.	27.	GLASGOW.
DUBLIN.	363,082	195	204	40	54	-	3	3	-	3	3	6	6	53	21	30.2	2.4	50.3	27.0	39.7	4.23	0.92	2.34	23.	24.	25.	26.	27.	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the SECOND Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2643	2595	2486	2665	2808	2681	2876	2695	2623	2556	2903.7	2671
Males . .	1303	1328	1268	1362	1425	1370	1503	1363	1333	1293	1477.4	1329
Females . .	1340	1267	1218	1303	1383	1311	1373	1332	1290	1263	1426.3	1342
TOTAL Deaths	1873	1780	1604	1737	1567	1493	1835	1902	1860	1940	1915.0	2075
Males . .	972	852	816	873	777	753	899	942	893	961	953.4	1023
Females . .	901	878	788	864	790	735	936	960	967	979	961.6	1052

*The numbers in this column are the average weekly numbers in the second weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.
TOTAL Births	2459	2666	2373	2770	2606	2722	2367	2644	2291	2655	1876	2855	2671
TOTAL Deaths	1641	1787	1613	1520	1619	1409	1352	1461	1455	1802	1641	1784	2075
Ages at Birth													
{ 0–20 years	777	849	770	769	825	724	701	765	720	833	779	825	850
{ 20–40 "	197	199	189	186	179	167	164	177	178	197	173	204	213
{ 40–60 "	297	293	275	227	234	212	217	243	247	286	277	303	333
{ 60–80 "	297	325	310	288	260	257	223	228	251	356	335	366	506
{ at 80 years & upwds.	73	71	69	50	71	49	47	48	59	75	77	81	118
Death													
{ Under 1 year	397	423	383	400	377	342	327	375	307	390	345	372	373
{ 1–5 "	277	329	297	281	332	292	288	296	314	375	341	338	370
{ 5–20 "	103	97	90	88	116	60	86	94	99	123	93	115	107
Deaths from Small-pox	—	1	1	—	—	—	—	—	—	—	—	—	—
" " Measles	80	100	88	109	124	133	141	139	154	184	147	143	176
" " Scarlet fever	33	25	24	18	31	20	24	30	17	25	20	12	17
" " Diphtheria	36	31	32	34	44	41	34	35	39	39	34	33	21
" " Whooping-cough	12	18	19	15	17	19	20	13	14	25	28	32	37
" " Typhus	—	—	—	—	—	1	—	1	—	—	—	—	—
" " Enteric fever	19	17	22	14	15	15	11	12	18	12	8	14	10
" " Simple Cont'd fever	1	2	—	—	—	1	1	—	—	—	—	1	1
" " Diarrhoea and Dysentery	42	30	34	18	16	18	13	19	11	16	14	11	12
" " Cholera	—	1	—	—	—	—	1	—	—	—	—	—	1
" " all the above-mentioned Diseases	223	225	220	208	247	248	245	249	253	301	251	246	275
" " Dis. of Respiratory System	364	522	441	373	374	287	253	277	330	440	412	434	652
" " Phthisis	180	157	149	126	152	132	136	144	160	153	152	154	187
" " Dis. of Circulatory System	152	129	138	133	108	105	96	101	109	127	130	160	195
Violent Deaths	51	57	59	50	60	43	54	62	40	81	52	61	58
Inquest Cases	109	120	117	110	117	105	103	120	86	154	107	132	143
Deaths in Public Institutions	367	395	369	346	371	311	311	302	353	395	395	360	399
TEMPERATURE OF THE AIR													
Mean	43.5	49.2	50.3	42.1	50.5	49.0	45.7	49.1	33.3	40.4	42.5	31.8	35.3
Mean of Highest readings	53.4	58.5	54.7	47.0	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7
Mean of Lowest readings	34.4	40.6	46.7	37.7	45.2	44.9	41.6	43.6	27.9	36.0	36.6	27.1	30.9
Humidity of the Air	87	89	92	86	89	81	89	87	93	94	90	93	93
Rain-fall in inches	0.60	0.00	2.68	0.20	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00	0.49
Registered Sunshine (in hours)	24.5	25.5	3.8	12.5	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Gloisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; B. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 2nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 12th January 1889.										CAUSES OF DEATH.	Corrected Averages for the 2nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 12th January 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-5.	5-20.						0-1.							1-5.	5-20.				
ALL CAUSES - -	1915.0	2075	373	370	107	218	383	506	118		Diseases of Organs of Special Sense † - -	2.4	2	1	-	1	-	-	-	-			
Small-pox { Vaccinated† - - - - - } { Unvaccinated - - - - - } { No Statement - - - - - }	13.3	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - - - -	133.7	195	-	1	10	24	67	80	13			
Measles - - - - -	50.4	176	24	139	14	1	-	-	-		Croup - - - - -	16.9	14	2	9	3	-	-	-	-			
Scarlet Fever - - - - -	41.2	17	-	10	7	-	-	-	-		Bronchitis - - - - -	352.2	445	61	69	1	12	83	192	57			
Typhus - - - - -	1.1	-	-	-	-	-	-	-	-		Pneumonia - - - - -	121.3	132	23	41	11	10	21	14	3			
Relapsing Fever † - - - - -	0.0	-	-	-	-	-	-	-	-		Pleurisy - - - - -	6.2	6	-	-	1	3	1	1	-			
Influenza - - - - -	0.2	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - - - - -	49.2	55	5	9	2	6	16	16	1			
Whooping-cough - - - - -	80.9	37	11	26	-	-	-	-	-		Dentition † - - - - -	16.7	8	3	5	-	-	-	-	-			
Diphtheria - - - - -	15.6	21	3	8	9	1	-	-	-		Quinsy, Sore Throat † - - - - -	1.5	4	1	2	-	-	1	-	-			
Simple Continued and Intermittent Fever - - - - -	2.8	1	-	-	-	-	1	-	-		Enteritis - - - - -	9.0	9	6	-	1	-	-	-	-			
Cholera - - - - -	0.1	1	1	-	-	3	7	-	-		Peritonitis - - - - -	6.8	9	-	-	2	4	3	-	-			
Diarrhoea, Dysentery - - - - -	12.6	12	8	-	-	2	-	1	1		Diseases of Liver - - - - -	30.2	20	1	-	-	4	8	7	-			
Remittent Fever† - - - - -	0.8	-	-	-	-	-	-	-	-		Other Diseases of Digestive System - - - - -	34.7	27	3	1	2	3	5	12	1			
Hydrophobia - - - - -	0.1	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - - - - -	3.7	1	-	-	-	1	-	-	-			
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-		Diseases of Urinary System - - - - -	41.5	60	1	-	1	8	20	16	4			
Cowpox and Effects of Vaccination † - - - - -	0.3	-	-	-	-	-	-	-	-		Diseases of Generative System - - - - -	6.2	4	-	1	-	1	1	1	-			
Veneral Affections - - - - -	11.4	18	13	-	-	1	2	2	-		Accidents of Childbirth - - - - -	4.1	5	-	-	-	5	-	-	-			
Erysipelas - - - - -	10.1	2	1	1	-	-	-	-	-		Diseases of Locomotive System † - - - - -	8.8	5	-	-	2	-	1	2	-			
Pyæmia and Septicæmia † - - - - -	1.2	6	3	-	1	1	1	-	-		Diseases of Integumentary System - - - - -	6.2	4	1	-	-	-	-	2	1			
Puerperal Fever - - - - -	9.2	5	-	-	4	1	-	-	-		VIOLENT DEATHS.‡												
Other Zymotic Diseases † - - - - -	1.5	3	1	2	-	-	-	-	-		Accident.)												
Thrush - - - - -	2.0	1	1	-	-	-	-	-	-		Fracture and Contusion - - - - -	12.9	13	-	1	1	4	5	2	-			
Worms and other Parasitical Diseases - - - - -	0.2	-	-	-	-	-	-	-	-		Gunshot Wound - - - - -	0.1	-	-	-	-	-	-	-	-			
Starvation, Want of Breast-milk † - - - - -	1.5	3	3	-	-	-	-	-	-		Cut, Stab - - - - -	9.5	7	-	-	-	-	-	1	-			
Alcoholism - - - - -	4.7	9	-	-	4	3	2	-	-		Burn and Scald - - - - -	10.9	7	-	3	1	1	1	1	1			
Rheumatic Fever, Rheumatism of Heart† - - - - -	11.3	4	-	2	1	1	-	-	-		Poison - - - - -	1.2	2	-	-	-	1	1	-	-			
Rheumatism † - - - - -	2.6	3	-	-	-	1	2	-	-		Drowning - - - - -	4.5	9	1	-	3	1	3	1	-			
Gout - - - - -	3.4	4	-	-	-	-	4	-	-		Suffocation - - - - -	14.8	16	15	-	-	1	-	-	-			
Rickets † - - - - -	2.7	2	1	-	1	-	-	-	-		Otherwise - - - - -	2.7	1	-	-	1	-	-	-	-			
Cancer - - - - -	50.7	62	1	-	2	27	39	2	-		(HOMICIDE.)												
Tubes Mesenterica - - - - -	25.4	17	10	5	1	1	-	-	-		Murder & Manslaughter - - - - -	1.5	1	-	-	1	-	-	-	-			
Tubercular Meningitis - - - - -	22.1	23	7	15	-	1	-	-	-		(SUICIDE.)												
Phthisis - - - - -	183.2	187	3	4	16	85	57	19	-		Gunshot Wound - - - - -	0.8	-	-	-	-	-	-	-	-			
Serofula, Tuberculosis - - - - -	16.1	12	7	4	-	-	1	-	-		Cut, Stab - - - - -	1.5	5	-	-	-	1	3	12	-			
Other Constitutional Diseases † - - - - -	12.8	8	-	-	4	3	1	-	-		Poison - - - - -	1.8	1	-	-	1	-	-	-	-			
Premature Birth - - - - -	35.9	39	39	-	-	-	-	-	-		Drowning - - - - -	1.0	1	-	-	-	1	-	-	-			
Atelectasis † - - - - -	2.0	1	1	-	-	-	-	-	-		Hanging - - - - -	1.6	1	-	-	-	1	-	-	-			
Congenital Malformations - - - - -	8.6	7	6	1	-	-	-	-	-		Otherwise - - - - -	0.9	-	-	-	-	-	-	-	-			
Old Age - - - - -	64.9	63	-	-	-	-	21	41	-		(EXECUTION.)												
Apoplexy - - - - -	32.7	55	-	1	-	3	15	34	2		Hanging - - - - -	0.1	-	-	-	-	-	-	-	-			
Epilepsy - - - - -	7.0	4	-	-	1	1	-	1	1		OTHER CAUSES † - -	67.9	60	49	3	2	-	4	1	1			
Convulsions - - - - -	54.3	48	42	6	-	-	-	-	-														
Other Diseases of Brain and Nervous System - - - - -	95.6	101	8	13	9	4	23	35	8														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from											Deaths in Public Institutions.	Uncertified Causes of Death.	
					Infants under 1 Year of Age.	Persons aged 10 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2671	2075	373	624	-	176	17	21	37	-	10	1	12	53	149	390	31	
WEST DISTRICTS		632,633	407	310	46	112	-	17	1	9	5	-	2	1	3	8	17	72	1	
NORTH DISTRICTS		965,947	591	449	70	163	-	26	5	3	7	-	2	-	1	5	25	93	2	
CENTRAL DISTRICTS		282,238	158	147	22	33	-	9	1	1	3	-	1	-	1	7	15	29	2	
EAST DISTRICTS		692,738	519	394	87	103	-	21	2	3	5	-	2	-	3	24	51	97	-	
SOUTH DISTRICTS		1,265,148	986	775	143	208	-	103	8	-	17	-	3	-	4	14	35	103	23	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69888	66	37	5	18	-	-	-	-	1	-	-	-	-	-	1	2	5	-
St. John Paddington H - - G.J.		37330	13	14	2	5	-	-	-	-	1	-	-	-	-	1	1	1	3	-
Kensington Town Ww - - W.M.		120141	69	54	5	24	-	2	-	1	-	-	-	-	1	1	1	22	-	
Brompton H - - W.M. & C.		43010	13	15	1	6	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Peter Hammersmith - - W.M.		7599	5	30	6	7	-	3	-	-	-	-	-	-	-	1	2	3	-	
St. Paul Hammersmith H W.M. & G.J.		64340	56	30	8	8	-	5	1	-	2	-	1	1	-	-	2	7	-	
Fulham Ww - - W.M. & C.		42900	56	33	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea South HHH - - C.		31396	17	8	2	2	-	2	-	-	-	-	-	-	-	-	-	4	-	
Chelsea North-west WHHHHH - C.		21925	21	11	1	3	-	1	-	-	-	-	-	-	-	1	3	-	-	
Chelsea North-east - - C.		32807	25	13	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.		30353	6	14	1	8	-	2	-	-	-	-	-	-	1	-	-	5	-	
Belgrave WHHH - - C.		59220	23	32	3	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Westminster HHH - C.		35496	16	18	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H - C.		24679	4	16	2	1	-	1	-	2	1	-	-	-	-	1	1	4	-	
St. James Westminster WHH N.R. & G.J.		29941	11	8	2	4	-	-	-	-	-	-	-	-	-	-	1	3	1	
St. Anne Soho HHHHHHH - N.R.		18603	6	7	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	15	9	1	2	-	1	-	-	-	-	-	-	-	-	-	4	-	
Cavendish Square HHHH - W.M.		14391	4	6	2	2	-	-	-	-	-	-	-	-	-	-	1	4	3	-
Rectory Marylebone WHH G.J. & W.M.		24809	12	17	-	7	-	1	-	-	-	-	1	-	-	-	-	-	-	1
St. Mary Marylebone HHH G.J. & W.M.		21118	24	8	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone H - W.M.		33700	20	11	2	5	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Christchurch Marylebone H - W.M.		33633	13	15	3	7	-	1	-	-	-	-	-	-	-	-	-	3	-	-
Hampstead WwWHHHH N.R. & W.M.		45452	33	12	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regent's Park Pancras H - W.M.		39115	24	6	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	9	23	4	3	-	-	-	1	-	-	-	-	-	-	-	17	-	-
Gray's Inn Lane HHH - N.R.		30247	50	14	2	5	-	-	-	-	-	1	-	-	-	-	2	1	-	-
Gray's Inn Lane H - - N.R.		34369	21	13	4	3	-	-	-	-	-	-	-	-	-	-	-	2	16	-
Camden Town WH - - N.R.		17311	16	22	4	12	-	-	-	-	-	-	-	-	-	-	-	3	4	1
Kentish Town W - - N.R.		87487	66	43	10	12	-	3	-	-	2	-	-	-	-	-	-	-	-	-
Upper Holloway WWWH - N.R.		67946	60	58	6	25	-	1	1	-	-	-	-	-	-	1	1	28	-	-
Islington South-west HH - N.R.		100976	58	48	9	16	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Islington South-east - - N.R.		61835	36	29	5	10	-	3	1	-	-	-	-	-	-	-	-	-	-	-
Highbury H - - N.R.		52048	44	17	1	9	-	3	-	-	-	-	-	-	-	-	1	-	-	-
Stoke Newington H - - N.R.		22781	23	11	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - E.L.		9277	7	7	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.		37610	22	16	3	7	-	2	-	-	1	-	-	-	-	-	-	-	-	-
Hackney WwWHH - - E.L. & N.R.		70911	51	50	9	18	-	4	3	1	-	-	1	-	1	-	3	20	-	-
South Hackney - - E.L.		39433	15	14	2	3	-	1	-	-	-	-	-	-	-	-	1	-	-	-
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		16881	11	10	-	5	-	1	-	-	-	-	-	-	-	-	2	2	1	-
St. Giles South WH - - N.R.		14864	11	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - N.R.		18837	8	8	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17508	5	6	-	1	-	-	-	-	-	-	1	-	-	-	-	2	1	-
St. Mary-le-Strand H - - N.R.		7515	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Clement Danes H - - N.R.		8559	3	8	1	2	-	-	-	-	1	-	-	-	-	-	-	-	2	-
Strand Union Workhouse, Edmonton w.		-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo. the Martyr HHHHHHH N.R.		18671	4	11	1	2	-	-	1	1	1	-	-	-	-	-	-	-	5	-
St. Andrew Eastern W - - N.R.		10706	5	8	1	2	-	-	-	-	-	-	-	-	-	-	-	1	4	-
Saithron Hill H - - N.R.		6593	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - - N.R.		17516	8	11	2	2	-	-	-	1	-	-	-	-	-	-	-	1	-	-
Amwell Clerkenwell - - N.R.		12281	15	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - N.R.		14773	11	8	-	1	-	2	-	-	-	1	-	-	-	-	-	-	-	-
Goswell-street - - N.R.		17593	11	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - N.R.		11541	11	5	3	1	-	-	-	-	-	-	-	-	-	1	1	1	-	1
City-road HHL - - N.R.		18623	25	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Whitecross-street - - N.R.		9217	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finchbury - - N.R.		7463	7	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R. & E.L.		11174	8	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R.		7193	2	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - N.R.		6358	2	15	2	3	-	-	-	-	-	-	-	-	-	-	4	4	13	-
St. Sepulchre H - - N.R.		8396	4	5	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-
St. Bride W - - N.R.		13666	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Albion Road Barking - - N.R.		5652	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.		5652	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., eighth Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

EVER, DIFTERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, the 12th January, 1889.

		The DEATHS registered in the Week include																							
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of														Deaths from				Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & under.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fev.	Simple con- tinued Fever.	Diarrhoea.	Violence.									
EAST DISTRICTS.																									
Holywell Shoreditch	N.R. & E.L.	7376	4	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	HL*	14967	6	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoxton New Town	-	29937	20	27	8	13	-	1	-	-	1	-	1	-	-	3	-	-	-	-	-	-	-	-	-
Hoxton Old Town	-	28036	21	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Haggerston WH	N.R. & E.L.	46275	47	26	10	6	-	-	-	1	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Seckley-road H	-	29738	23	19	7	3	-	6	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Green, Bethnal Green	WHL*	47932	29	28	-	12	-	1	-	1	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Church, Bethnal Green	-	29981	10	14	5	2	-	3	1	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-
Town, Bethnal Green	-	16810	11	16	5	3	-	1	-	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	-
Hopitalfields	E.L. & N.R.	22685	11	7	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mill End New Town	W	15473	25	15	2	2	-	2	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-
Whitechapel Church	H	17490	12	24	4	4	-	-	-	-	-	-	-	-	-	1	7	-	-	-	-	-	-	-	-
Goodman's Fields	-	9713	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	N.R. & E.L.	6102	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
St. George's, North	-	88747	32	14	6	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
St. John, St. George East	W	8410	1	14	-	9	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-
Hadwell	HH	16995	10	7	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Ratcliff	-	16107	18	6	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Limehouse	-	32041	25	18	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Mill End Old Town West	-	37980	23	16	5	2	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Mill End Old Town East	W & H	67683	55	29	11	8	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bow	-	37074	32	18	3	5	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Bromley	W & H	64859	53	50	9	14	-	1	-	1	-	-	-	-	1	3	9	-	-	-	-	-	-	-	-
Poplar	W & H	56077	39	31	5	8	-	1	-	1	-	-	-	-	-	3	4	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																									
Christchurch Southwark	WH	12663	8	11	2	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	-	14899	8	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reni-road	S. & L.	21381	20	10	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Borough-road WH	-	15963	13	18	5	1	-	3	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
London-road HL	-	21318	15	13	1	3	-	3	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Trinity Newington	-	26672	18	22	5	4	-	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Walworth	W	55555	36	39	7	14	-	4	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
St. Mary Newington	-	21633	16	9	1	4	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Olave WH	-	11956	10	17	-	4	-	-	-	-	2	-	-	-	-	3	3	-	-	-	-	-	-	-	-
Leather Market	-	16300	10	7	1	1	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
St. Mary Magdalen	W	15669	13	11	2	4	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
St. James Bermondsey	-	54688	33	25	5	4	-	2	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-
Rothenhithe WH	-	36024	22	24	2	11	-	-	-	-	-	-	-	-	-	4	7	-	-	-	-	-	-	-	-
Waterloo-road 1st H	-	15195	12	14	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd H	-	16361	18	13	4	3	-	4	1	-	2	-	-	-	1	1	2	-	-	-	-	-	-	-	-
Lambeth Church 1st H	-	19876	14	22	5	4	-	4	1	1	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
Lambeth Church 2nd W & W	-	39859	32	34	5	11	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kennington 1st	-	43232	34	31	7	7	-	4	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Kennington 2nd	-	33322	13	11	1	3	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brixton	-	62837	29	24	5	9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norwood W	-	19017	15	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
East Battersea	-	54675	54	32	4	12	-	8	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-	-
West Battersea W & H	-	52387	75	51	12	10	-	9	-	-	2	-	-	-	1	1	2	-	-	-	-	-	-	-	-
Wandsworth WH	-	36360	17	9	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Putney	-	29004	23	17	7	3	-	-	-	-	1	-	-	-	-	1	2	-	-	-	-	-	-	-	-
Streatham	-	19235	6	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham	-	25563	32	16	7	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dulwich	-	5590	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell W & L*	-	59104	48	65	8	20	-	8	-	1	-	-	-	-	-	1	24	-	-	-	-	-	-	-	-
Peckham W	-	71089	55	48	6	9	-	21	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-
St. George Camberwell	-	50810	45	38	9	9	-	7	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Deptford	-	76752	86	37	11	7	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Nicholas Deptford	-	7901	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West H	-	21972	9	11	1	6	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich East WHH	-	24608	13	18	1	7	-	-	-	-	1	-	-	-	-	1	9	-	-	-	-	-	-	-	-
Eltham H	-	6048	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee H	-	21569	8	9	2	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewisham WH	-	19865	16	8	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Speldham H	-	26076	15	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Charlton H	-	10930	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	-	17617	12	10	-	3	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Woolwich Arsenal HH	-	19048	19	12	2	3	-	1	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-
Plumstead, West H	-	14069	13	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, East W	-	19241	35	11	4	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Metropolitan Asylum Hospitals:																									
Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaistow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:—

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Holborn Infirmary " in Upper Holloway sub-district.
London City Workhouse " Hackney sub-district.
Holborn " " Finsbury New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City " " Mile End Old Town Eastern sub-dist.
" " " Bow and Bromley sub-district.

* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum in Poplar sub-district.
Walthamstow Union Industrial School in West Rattersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th January, 1889.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, including Tidal Water and Fore-shore.	Enu-merated Popu-lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes.
LONDON—OUTER RING		370,924	950,957	826	408	92	111	-	22	1	3	2	3	3	6	18	31	7
30: 1	Carshalton <i>wL</i>	12223	21118	15	12	3	4	-	2	-	1	-	-	-	-	-	-	1
2	Epsom (<i>part of</i>) * <i>WwH</i>	9971	10710	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (<i>part of</i>) * -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon <i>WwHHL</i>	20851	101241	79	42	11	8	-	3	-	-	-	-	1	-	-	6	1
2	Mitcham <i>w†</i>	11697	17932	10	5	-	2	-	1	-	-	-	-	-	-	-	-	-
39: 1	Wimbledon <i>HHH</i>	3220	15950	16	4	-	2	-	1	-	-	-	-	-	-	-	-	-
2	Kingston <i>WHH</i>	8549	36354	22	13	1	4	-	-	-	-	-	-	-	-	-	1	-
3	Esher (<i>part of</i>) * -	6601	9221	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i>	4573	13539	13	8	2	1	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond <i>WH</i>	2272	21302	11	9	2	4	-	-	-	-	-	-	-	1	1	2	-
2	Mortlake -	2941	12331	9	6	-	2	-	-	-	-	-	-	-	1	1	-	-
41: 1	Bromley (<i>pt. of</i>) * <i>HH</i>	15669	81142	83	4	-	3	-	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (<i>pt. of</i>) * <i>WHH</i>	14307	15844	3	5	1	1	-	-	-	-	-	-	-	-	-	1	-
42: 1	Bexley <i>H</i>	18437	24134	17	8	1	2	-	-	-	-	-	-	-	-	-	-	-
2	Dartford (<i>Ww, pts. of</i>) * -	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-
124: 1	Sunbury <i>w</i>	11055	11635	3	5	3	-	-	-	-	-	-	-	-	-	1	-	1
2	Staines <i>W</i>	13277	12099	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-
125: 1	Hillingdon <i>WHH</i>	6020	10802	7	5	2	2	-	-	-	-	-	1	-	-	-	-	-
2	Uxbridge -	6178	5225	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i>	14587	11523	3	6	1	2	-	-	-	-	-	-	-	-	-	3	-
126: 1	Isleworth <i>WHH</i>	7003	22727	20	6	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham <i>H</i>	2477	12479	12	4	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i>	4345	27649	22	9	1	2	-	-	-	-	-	-	-	-	1	-	-
4	Chiswick -	1340	15975	13	5	2	2	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>wH</i>	6933	22376	22	8	2	-	-	-	-	1	-	-	-	-	-	-	-
127: 1	Harrow <i>H</i>	13900	12796	7	2	-	1	-	-	-	-	-	-	-	-	-	1	-
2	Edgware <i>H</i>	6994	3749	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4583	27453	29	21	3	7	-	3	-	-	-	-	-	-	3	-	-
4	Hendon <i>W</i>	8352	10494	10	9	1	2	-	-	-	-	-	-	-	-	-	-	-
137: 1	Bushey -	9331	6621	1	4	1	1	-	1	-	-	-	-	-	-	-	-	-
2	Watford (<i>W, pt. of</i>) * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138: 1	South Mimms -	15599	6391	4	2	-	2	-	-	-	-	-	-	-	1	1	-	-
2	Barnet -	5433	10092	4	6	1	2	-	-	-	-	-	-	-	-	2	-	-
3	Finchley <i>HL</i>	4698	17615	8	8	-	2	-	-	-	-	-	-	-	-	-	4	-
135: 1	Hatfield (<i>part of</i>) * -	3306	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey <i>H</i>	2039	37078	23	16	4	6	-	1	-	-	-	1	-	-	-	-	-
2	Tottenham <i>H</i>	4642	46456	64	27	8	9	-	1	-	-	-	2	-	1	3	1	-
3	Edmonton <i>Ww†</i>	7483	23463	23	7	2	2	-	-	-	-	-	-	-	-	-	3	-
4	Enfield <i>WH</i>	12353	19104	26	11	1	2	-	-	-	-	-	-	-	-	-	2	-
5	Waltham Abbey -	11017	5323	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-
6	Chesham -	8490	7735	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
186: 1	Stratford -	832	38906	40	10	-	3	-	-	-	-	-	-	-	-	1	-	1
2	West Ham <i>wowwH‡</i>	7351	101053	113	60	18	11	-	6	1	-	-	-	-	-	-	-	2
3	Leyton <i>WwL</i>	4372	32430	38	23	5	5	-	2	-	-	1	-	1	-	-	4	1
4	Walthamstow <i>H</i>	6620	23863	35	19	8	5	-	1	-	1	-	-	1	-	1	-	-
137: 1	Chigwell (<i>part of</i>) * <i>H</i>	11761	9833	10	2	-	1	-	-	-	-	-	-	-	1	1	-	-
2	Epping (<i>W, pt. of</i>) * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Romford (<i>part of</i>) * <i>W</i>	6730	3411	9	2	-	1	-	-	-	-	-	-	-	-	-	1	-
2	Ilford -	8493	7645	-	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows.—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Hendley (pop. 1265); 37: 1, the parishes of Warringtonham and Farley in Godstone sub-district; 38: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Theydon Bois (pop. 4751); 149: 1, the parish of Dagenham in Romford sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 4751); 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th January, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	448,334	5,642,015	23.0	2.8	2483	465	735	-	193	18	21	39	14	15	64	430				
INNER LONDON -	77,410	4,351,738	24.9	3.8	2075	373	624	-	173	17	21	37	11	12	58	390				
OUTER RING -	370,924	1,290,277	16.5	1.4	408	92	111	-	22	1	3	2	3	3	6	31				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY	773,196	December 18	340	455	26.2	1	3	?	?	?	147	48†	
MADRAS	398,777	November 30	343	318	41.4	-	-	?	?	?	84	52†	
PARIS	2,260,945	January 5	1070	970	22.3	3	43	4	40*	3	5	52	
BRUSSELS (with 8 Faubourgs.)	462,069	" 5	269	207	23.3	-	14	-	-	-	1	9	
AMSTERDAM	390,016	" 5	279	180	24.0	-	19	-	3	2	-	-	
ROTTERDAM	193,658	" 5	141	94	25.1	-	-	-	-	1	2	2	
THE HAGUE	149,477	" 5	83	52	18.0	-	-	-	-	-	-	-	
COPENHAGEN	300,000	" 5	-	-	-	-	-	-	-	-	-	-	
STOCKHOLM	221,549	December 29	147	75	17.6	-	-	7	4*	1	1	9	
CHRISTIANIA	185,600	January 5	70	54	20.6	-	-	1	6*	2	-	3	
ST. PETERSBURG	842,883	December 29	-	431	29.8	-	1	12	10	11	13	64	
BERLIN	1,438,006	" 22	930*	525	18.7	-	14	5	26	8	1	30	
HAMBURG (State)	550,694	" 29	324	251	23.8	-	-	2	16*	3	9	24	
DRESDEN	259,142	" 29	162	103	20.7	?	1	-	8*	?	1	-	
BRESLAU	313,451	January 5	229	128	21.6	-	-	3	11	1	-	5	
MUNICH	275,000	December 29	210	160	50.3	-	6	5	10*	4	-	19	
VIENNA	800,836	" 29	460	397	25.8	-	4	1	10	-	4	24	
PRAGUE	295,857	" 29	-	190	33.5	23	1	1	10	-	1	2	
BUDA-PESTH	442,787	" 29	361	226	26.5	-	-	3	8	-	5	25	
TRIESTE	156,042	" 29	-	87	29.0	6	-	-	3*	-	-	3	
ROME	388,300	November 24	204	174	23.4	2	2	1	2	1	10‡	7	
TURIN (10 days)	294,826	" 30	228	156	19.3	-	-	-	8	-	1	4	
VENICE	150,502	December 22	94	81	28.1	-	-	-	1	-	1	4	
CAIRO	374,338	" 20	466	300	41.8	-	-	-	-	5	9	107	
ALEXANDRIA	231,306	" 20	243	194	43.7	-	-	1	1	-	13	43	
NEW YORK	1,493,000	" 22	-	779	27.2	-	26	52	48	12	7	8	
BROOKLYN	774,570	" 22	-	341	22.1	-	6	8	19	9	8	3	
PHILADELPHIA	1,016,768	" 22	-	367	18.8	-	-	14	13	2	6	1	
BALTIMORE	431,879	" 22	-	137	16.6	-	-	-	7	2	1	2	

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 9 from Cholera in Bombay, and 1 in Madras.

‡ Including 6 deaths from Malarial Fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 12TH JANUARY, 1889.
[Under the Superintendence of the Astronomer Royal.]

Under the Supervision of the Astronomer General																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1889.		Phases of the Moon.	TEMPERATURE.					TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a Gauge receiving surface is 5 inches above Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Of the Air.					Difference between the Air Temperature and Dew Point Temperature.					Of the Water of the Fountains at Deptford.					Oaler's.						Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from daily average value, 0 years.	Mean daily value.	Great-est.	Least.	High-est in Sun's Ray.	Low-est on the Grass.	High-est.	Low-est.	A.M.	P.M.	Great-est.	Least.	Pressure on the Square Foot.	Horizontal Movement of Air on each Day.	Depart-ment Average of 10 Years.	Miles.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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DATE.		ELECTRICITY.		REGISTERED SUN ABOVE HORIZON.		GENERAL REMARKS.	
JANUARY.		(For explanation of symbols, see Note.)		in hours.			
SUNDAY	6			0.0	8.0	Overcast. Dense fog and gloom in morning. Very cold.	
MONDAY	7			0.0	8.0	A little snow fell in early morning; overcast and foggy till afternoon; cloudless at night.	
TUESDAY	8			0.0	8.0	Fine and bright in morning; overcast during the day; variable at night.	
WEDNESDAY	9	Instrument under adjustment.		1.2	8.1	Generally fine and partially cloudy till afternoon; frequent showers afterwards.	
THURSDAY	10			0.0	8.1	Overcast. Frequent rain.	
FRIDAY	11			1.5	8.1	Fine and partially cloudy till afternoon; overcast afterwards.	
SATURDAY	12			0.0	8.2	Overcast. Mingled snow and rain.	
SUM		Sum 2.7	Sum 56.5	Sum 2.7	Sum 56.5		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean daily value of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 25, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

By the reading of the barometer decreased from 30.07 in. at the beginning of the week to 29.09 in. by the end of the week; increased to 29.52 in. by 9h. A.M. on the 11th; decreased to 29.24 in. by 9h. A.M. on the 12th; and increased to 29.52 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 3. 1889. V(L. L.)

WEEK ENDING SATURDAY, JANUARY 19.

[Price 1½d.]

General Register Office, Somerset House,
21st January, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·9 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.		Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.
Birkenhead	20·3	13·7	26·0	18·3	Liverpool -	24·9	29·6	28·9	27·5
Birmingham	15·7	22·1	28·3	21·9	London -	20·0	21·4	24·9	21·2
Blackburn -	29·8	39·2	44·8	34·9	Manchester -	25·1	28·0	34·6	26·9
Bolton -	23·9	25·9	24·1	20·5	Newcastle-on-Tyne*	23·3	20·1	23·7	20·4
Bradford*	18·6	22·0	20·0	16·6	Norwich -	15·6	23·2	24·8	20·4
Brighton -	16·5	12·9	16·7	16·3	Nottingham -	16·7	20·6	18·2	16·2
Bristol -	12·9	21·4	25·5	22·5	Oldham -	24·5	23·8	26·7	28·2
Cardiff*	30·8	32·9	31·9	33·8	Plymouth -	31·6	21·3	21·3	24·0
Derby -	12·5	21·7	21·7	15·9	Portsmouth -	19·1	23·3	21·1	20·7
Halifax -	22·1	20·6	25·1	26·4	Preston -	23·7	27·0	30·5	24·5
Huddersfield	28·5	22·5	24·2	23·6	Salford*	22·4	23·8	26·7	19·6
Hull -	12·9	19·1	18·8	11·5	Sheffield -	24·3	20·3	26·0	22·0
Leeds -	24·4	25·7	24·2	26·0	Sunderland -	22·5	23·3	22·6	21·0
Leicester*	17·1	23·2	23·9	15·6	Wolverhampton -	27·5	19·0	28·4	22·1

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 3·2 in Cardiff, 3·5 in Liverpool, 3·7 in Oldham, 4·2 in Salford, 4·5 in Huddersfield, and 5·6 in Blackburn; from *whooping-cough*, 1·4 in Cardiff, 1·6 in Birmingham, and 2·0 in Preston; and from *scarlet fever*, 1·1 in Sheffield, 1·2 in Manchester, 1·3 in Blackburn, and 1·5 in Oldham. The rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 57 deaths from *diphtheria* in these towns included 38 in London, 4 in Manchester, 3 in Liverpool, 2 in Salford, 2 in Oldham, and 2 in Portsmouth. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2837 BIRTHS and 1769 DEATHS were registered. Allowing for increase of population, the births were 48, and the deaths 205, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·4 and 24·9 in the two preceding weeks, declined last week to 21·2. During the first three weeks of the current quarter the death-rate averaged 22·5 per 1000, and was 1·0 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1769 deaths included 121 from measles, 19 from scarlet fever, 38 from diphtheria, 36 from whooping-cough, 7 from enteric fever, 11 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 232 deaths were referred to these diseases, being 3 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 14. No small-pox patients were under treatment at the end of the week in the Metropolitan Asylum Hospitals, and only 1 in the Highgate Small-pox Hospital. [The fatal cases of *measles*, which had been 143 and 176 in the two previous weeks, declined last week to 121, and were fewer than in any week since the middle of November, but exceeded the corrected average by 78; 8 belonged to Islington, 10 to Bethnal Green, 11 to St. George Southwark, 5 to Bermondsey, 10 to Lambeth, 15 to Battersea, and 13 to Camberwell sanitary areas. The 19 deaths from *scarlet fever* showed a further increase upon the numbers in the two preceding weeks, but were 20 below the corrected average; 3 belonged to Bethnal Green, 2 to Mile End Old Town, and 4 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 687 scarlet fever patients, against numbers declining in the nine preceding weeks from 980 to 693; 51 cases were admitted during the week, against 60 and 41 in the two previous weeks. The fatal cases of *diphtheria*, which had declined in the four preceding weeks from 39 to 21, rose again last week to 38, and exceeded the corrected average by 22; 3 belonged to Kensington, 2 to Chelsea, 2 to Westminster, 2 to Bethnal Green, 2 to St. George-in-the-East, 4 to Stepney, 2 to Poplar, 2 to Bermondsey, 5 to Lambeth, 2 to Battersea, and 3 to Camberwell sanitary areas. The 36 deaths from *whooping-cough* were within one of the number in the previous week, and were 47 below the corrected average; 18 belonged to the South group of sanitary areas, including 4 to Camberwell and 4 to Greenwich. The 11 deaths attributed to *diarrhoea* and *dysentery* were 3 below the corrected average.

The deaths referred to *enteric fever*, which had been 14 and 10 in the two preceding weeks, further declined last week to 7, and were 10 below the corrected average. The Metropolitan Asylum Hospitals contained 66 cases of enteric fever, and not one of typhus on Saturday last; 8 cases of enteric fever were admitted during the week, against 2 and 4 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 412, 484, and 652 in the three preceding weeks, declined last week to 492, and were 74 below the corrected average.

Different forms of violence caused 63 deaths; 54 were the result of negligence or accident, among which were 21 from fractures and contusions, 5 from burns and scalds, 5 from drowning, 2 from poison, and 17 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:— 8 by accidents from vehicles in street; 1 by accident on railway; 4 by fall down stairs; 1 by fall from pigeon-house; 1 by fall from oil tank; 1 by fall down shaft of subway; 1 (intoxicated) by fall from window; 1 (intoxicated) by fall against fender; 1 by fall in room; 1 crushed by sack of oats; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 21 cases except the last. Eight cases of suicide were registered.

The death was registered last week, in the Sick Asylum, at Bromley, of a woman whose age was stated by her son to be 108 years on the 21st of December last.

GREATER LONDON.

In Greater London 3731 births and 2172 deaths were registered, corresponding to annual rates of 34·5 and 20·1 per 1000 of the estimated population. In the Outer Ring 9 deaths from measles, 4 from diphtheria, and 4 from whooping-cough were registered. The fatal cases of measles included 4 in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·02 ins.; the lowest reading was 29·55 ins. at the beginning of the week, and the highest 30·26 ins. on Thursday evening. The mean temperature of the air was 37°·8, and 0°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first five days of the week, but showed an excess on Friday and on Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·4 miles per hour, which was 6·2 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·02 of an inch. The duration of registered bright sunshine in the week was 1·5 hours.

CITIES AND BOROUGH.	POPULATION estimated with middle of the Year 1889.	Registered during the Week ending 10th Jan., 1889.			The Deaths registered in the Week include										TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.				
		1.	2.	3.	Deaths of Persons aged 60 Years and upwards.		Deaths from						Deaths in Public Institutions.				Unidentified Causes of Death.		Annual Rate per 1000, corresponding to the Week's Deaths			Mean.		In Inches.	In Centi- meters.
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From (Deaths 6-12.)	Highest.		Lowest.	Fahrenheit.			Centigrade.
28 TOWNS*	9,555,406	6274	4011	876	1020	-	293	63	57	98	31	135	280	650	67	17.	18.	19.	20.	21.	22.	23.	24.	- 28 TOWNS.	
LONDON	4,351,738	2887	1769	373	508	-	121	19	38	36	7	11	63	121	386	21-2	2-8	51-3	32-1	37-8	3-22	0-02	0-05	LONDON.	
BRIGHTON	121,807	55	38	5	15	-	3	-	-	-	-	-	1	3	12	16-3	1-3	47-0	33-0	37-8	3-22	0-00	0-00	BRIGHTON.	
PORTSMOUTH	141,253	105	56	7	15	-	-	-	2	-	-	-	4	6	1	20-7	1-1	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	87	37	6	12	-	-	1	-	2	-	-	-	1	-	20-4	2-2	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	78,225	67	36	11	8	-	-	-	-	1	-	-	1	-	-	24-0	1-3	51-0	35-0	40-2	4-56	0-02	0-05	PLYMOUTH.	
BRISTOL	229,861	155	99	19	26	-	10	1	-	-	-	-	14	3	3	22-5	3-0	52-0	33-0	38-7	3-72	0-00	0-00	BRISTOL.	
WOLVERHAMPTON	82,544	54	35	7	11	-	-	-	-	-	-	-	1	3	8	22-1	0-0	50-8	30-5	36-4	2-44	0-01	0-03	WOLVERHAMPTON.	
BIRMINGHAM	454,835	256	191	60	42	-	8	-	-	14	2	-	8	18	20	21-9	2-8	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER*	150,520	98	45	11	9	-	4	-	-	1	-	-	2	6	6	15-6	2-1	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	148	74	17	22	-	2	1	1	4	1	1	3	6	5	16-2	2-2	51-1	32-3	37-2	2-89	0-21	0-53	NOTTINGHAM.	
DERBY	18,529	60	30	4	10	-	-	1	1	1	-	-	3	7	5	11-1	1-1	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,511	64	36	12	9	-	3	1	1	1	-	-	1	2	1	18-2	3-0	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,562	411	320	60	57	-	41	5	3	6	4	2	14	38	5	27-5	5-2	54-0	33-6	40-9	4-94	0-18	0-46	LIVERPOOL.	
BOLTON	114,670	96	45	6	11	-	4	-	-	1	-	-	1	4	4	20-5	3-2	-	-	-	-	-	-	BOLTON.	
MANCHESTER	378,800	289	165	33	51	-	14	9	4	1	-	-	5	18	45	26-9	3-9	-	-	-	-	-	-	MANCHESTER.	
SALFORD*	154,283	153	88	21	12	-	10	1	2	1	2	1	2	7	7	19-6	5-8	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	86	77	22	15	-	10	4	2	1	-	-	1	3	4	28-2	6-6	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,375	85	81	20	15	-	13	3	-	2	-	-	2	3	3	34-9	8-6	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,194	74	49	14	12	-	-	-	-	4	1	1	1	2	5	24-5	3-0	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	92,525	48	42	8</																					

* See note on first page of this Return.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRD Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2658	2644	2192	2629	2804	2718	2803	2667	2655	2688	2835.1	2837
Males	1358	1340	1127	1332	1416	1364	1347	1391	1385	1304	1457.2	1430
Females	1300	1304	1065	1297	1388	1354	1456	1276	1270	1384	1427.9	1407
TOTAL Deaths	1947	1900	2016	1700	1663	1578	1897	1738	1757	2000	1974.4	1769
Males	983	931	1032	856	869	777	847	874	862	1021	987.1	899
Females	964	969	984	844	794	801	960	864	895	979	987.3	870

* The numbers in this column are the average weekly numbers in the third weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.
TOTAL Births	2666	2373	2770	2606	2722	2367	2644	2291	2655	1876	2855	2638	2837
TOTAL Deaths	1787	1613	1520	1619	1409	1352	1461	1455	1802	1641	1784	2075	1769
Ages at Death													
{ 0–20 years	849	770	769	825	724	701	765	720	888	779	825	850	776
{ 20–40 "	199	189	186	179	167	164	177	178	197	173	204	218	197
{ 40–60 "	293	275	227	284	212	217	243	247	286	277	303	333	288
{ 60–80 "	325	310	288	260	257	223	228	251	356	335	366	506	428
{ at 80 years & upwds.	71	69	50	71	49	47	48	59	75	77	81	118	80
"													
{ Under 1 year	423	383	400	377	342	327	375	307	390	345	372	373	373
{ 1–5	329	297	281	332	292	288	296	314	375	341	338	370	315
{ 5–20	97	90	88	116	90	86	94	99	123	93	115	107	88
Deaths from Small-pox	1	1	—	—	—	—	—	—	—	—	—	—	—
" Measles	100	88	109	124	133	141	139	154	184	147	149	176	121
" Scarlet fever	25	24	18	31	20	24	30	17	25	20	12	17	19
" Diphtheria	31	32	34	44	41	34	35	39	39	34	33	21	38
" Whooping-cough	18	19	15	17	19	20	13	14	25	28	32	37	36
" Typhus	—	—	—	—	1	—	1	—	—	—	—	—	—
" Enteric fever	17	22	14	15	15	11	12	18	12	8	14	10	7
" Simple Cont's fever	2	—	—	—	1	1	—	—	—	—	1	1	—
" Diarrhœa and Dysentery	30	34	18	16	18	13	19	11	16	14	11	12	11
" Cholera	1	—	—	—	—	1	—	—	—	—	—	1	—
" all the above-mentioned Diseases	225	220	208	247	248	245	249	253	301	251	246	275	232
" Dis. of Respiratory System	522	441	373	374	287	258	277	330	440	412	484	652	492
" Phthisis	157	149	126	152	132	136	144	160	153	152	154	187	136
" Dis. of Circulatory System	129	138	133	108	105	96	101	109	127	130	160	195	155
Violent Deaths	57	59	50	60	43	54	62	40	81	52	61	58	63
Inquest Cases	120	117	110	117	105	103	150	86	154	107	132	143	121
Deaths in Public Institutions	395	369	346	371	311	311	302	353	395	335	360	398	386
TEMPERATURE OF THE AIR													
Mean	49.2	50.3	42.1	50.5	49.0	45.7	49.1	38.3	40.4	42.5	31.8	35.3	37.8
Mean of Highest readings	58.5	54.7	47.0	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0
Mean of Lowest readings	40.6	46.7	37.7	45.2	44.9	41.6	43.6	27.9	36.0	36.6	27.1	30.9	34.0
Humidity of the Air	89	92	86	89	81	89	87	93	94	90	93	93	87
Rain-fall in inches	0.00	2.68	0.20	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00	0.49	0.62
Registered Sunshine (in hours)	25.5	3.8	12.5	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton, John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandorborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 3rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 19th January 1889.								CAUSES OF DEATH.	Corrected Averages for the 3rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 19th January 1889.								
		Deaths of Persons of the Ages										Deaths of Persons of the Ages								
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.					
ALL CAUSES -	1974.4	1769	373	315	88	197	288	428	80	Diseases of Organs of Special Sense † -	2.6	-	-	-	-	-	-	-	-	
Small-pox { Vaccinated † - - Unvaccinated - - - No Statement - - -	14.0 {	-	-	-	-	-	-	-	-	Diseases of Circulatory System -	142.6	155	2	1	3	24	41	75	9	
Measles -		43.1	121	19	94	8	-	-	-	-	Croup - - -	17.3	15	1	13	1	-	-	-	-
Scarlet Fever -		39.3	19	2	12	5	-	-	-	-	Bronchitis - - -	371.1	345	55	45	2	14	52	145	32
Typhus -	0.4	-	-	-	-	-	-	-	-	Pneumonia - - -	118.6	93	24	21	4	6	15	23	-	
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - -	6.4	6	-	-	-	2	2	-	-	
Influenza -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	52.3	33	3	3	2	1	8	14	2	
Whooping-cough -	83.3	36	12	24	-	-	-	-	-	Dentition † - - -	14.3	15	12	3	-	-	-	-	-	
Diphtheria -	15.5	38	3	24	10	-	1	-	-	Quinsy, Sore Throat † -	2.0	8	-	1	1	1	-	-	-	
Simple Continued and Ill-defined Fever -	9.1	-	-	-	-	-	-	-	-	Enteritis - - -	7.3	7	4	-	1	1	1	-	-	
Enteric Fever -	17.3	7	-	-	5	2	-	-	-	Peritonitis - - -	6.9	7	1	1	2	2	13	11	-	
Cholera -	0.2	-	-	-	-	-	-	-	-	Diseases of Liver - - -	30.5	27	1	-	-	-	-	-	-	
Diarrhoea, Dysentery -	14.1	11	7	2	-	-	-	2	-	Other Diseases of Digestive System -	32.0	36	8	2	1	5	9	10	1	
Remittent Fever † -	0.6	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † -	2.4	3	-	-	-	2	1	-	-	
Hydrophobia -	0.1	-	-	-	-	-	-	-	-	Diseases of Urinary System -	42.5	42	-	2	2	8	13	16	1	
Glanders -	0.1	-	-	-	-	-	-	-	-	Diseases of Generative System -	6.2	1	-	-	-	1	-	-	-	
Cowpox and Effects of Vaccination † -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth -	3.2	1	-	-	-	1	-	-	-	
Veneral Affections -	13.2	13	11	-	-	1	-	1	-	Diseases of Locomotive System † -	6.3	12	-	1	5	3	-	3	-	
Erysipelas -	7.6	4	2	-	-	-	-	2	-	Diseases of Integumentary System -	8.0	8	4	1	-	1	-	2	-	
Pyæmia and Septicæmia †	4.1	1	-	1	-	-	-	-	-	VIOLENT DEATHS. §										
Puerperal Fever -	6.9	4	-	-	4	-	-	-	-	ACCIDENT.)										
Other Zymotic Diseases †	2.4	3	1	2	-	-	-	-	-	Fracture and Contusion -	17.6	21	-	-	2	5	4	7	8	
Thrush -	1.9	4	4	-	-	-	-	-	-	Gunshot Wound -	0.1	-	-	-	-	-	-	-	-	
Worms and other Parasitical Diseases -	0.2	-	-	-	-	-	-	-	-	Cut, Stab -	0.3	1	-	-	-	-	1	-	-	
Starvation, Want of Breast-milk † -	0.9	-	-	-	-	-	-	-	-	Burn and Scald -	11.8	5	-	3	1	1	-	-	-	
Alcoholism -	5.0	10	-	-	5	5	-	-	-	Poison -	1.2	2	-	-	-	-	2	-	-	
Rheumatic Fever, Rheumatism of Heart †	11.3	5	-	-	1	2	1	1	-	Drowning -	4.4	5	-	-	1	3	1	-	-	
Rheumatism † -	2.0	1	-	-	-	1	-	-	-	Suffocation -	18.7	19	17	2	-	-	-	-	-	
Gout -	4.4	2	-	-	-	-	-	2	-	Otherwise -	4.6	1	-	-	-	1	-	-	-	
Rickets † -	3.2	6	2	4	-	-	-	-	-	(HOMICIDE.)										
Cancer -	67.6	66	-	-	9	33	22	2	-	Murder & Manslaughter -	1.9	1	-	-	-	1	-	-	-	
Tabes Mesenterica -	24.6	25	11	10	1	2	1	-	-	(SUICIDE.)										
Tubercular Meningitis -	26.2	23	3	10	9	1	-	-	-	Gunshot Wound -	0.8	1	-	-	-	1	-	-	-	
Phthisis -	184.3	136	3	-	8	72	45	8	-	Cut, Stab -	1.8	1	-	-	-	1	-	-	-	
Scrophula, Tuberculosis -	15.5	20	6	8	3	1	2	-	-	Poison -	1.5	2	-	-	1	-	1	-	-	
Other Constitutional Diseases † -	11.7	10	-	1	-	3	4	2	-	Drowning -	0.4	-	-	-	-	-	-	-	-	
Premature Birth -	43.2	40	40	-	-	-	-	-	-	Hanging -	1.3	4	-	-	-	-	2	2	-	
Atelectasis † -	4.4	2	2	-	-	-	-	-	-	Otherwise -	0.5	-	-	-	-	-	-	-	-	
Congenital Malformations -	6.3	15	14	1	-	-	-	-	-	(EXECUTION.)										
Old Age -	71.8	43	-	-	-	-	-	23	23	Hanging -	0.0	-	-	-	-	-	-	-	-	
Apoplexy -	56.4	39	1	-	-	2	11	22	3	OTHER CAUSES † -	67.7	49	41	3	-	-	1	3	1	
Epilepsy -	9.1	7	1	-	1	2	2	1	-											
Convulsions -	58.3	51	44	7	-	-	-	-	-											
Other Diseases of Brain and Nervous System -	97.0	83	13	13	9	6	12	27	3											

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population † As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1881.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 40 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhus.	Violence.				
LONDON	3,815,704	2837	1769	373	508	-	121	19	38	36	-	7	-	11	63	121	386	18	
WEST DISTRICTS	683,683	439	301	67	93	-	11	2	7	3	-	1	-	1	3	15	88	2	
NORTH DISTRICTS	905,947	598	362	76	119	-	12	5	4	7	-	3	-	4	14	27	75	1	
CENTRAL DISTRICTS	282,238	157	126	23	35	-	8	2	3	4	-	1	-	-	3	6	40	1	
EAST DISTRICTS	692,738	559	335	68	90	-	18	6	9	4	-	-	-	1	17	39	90	1	
SOUTH DISTRICTS	1,265,143	1084	644	139	166	-	72	3	15	18	-	2	-	5	26	34	92	13	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.	69838	57	16	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Paddington H - - G.J.	37390	13	12	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kensington Town Ww - - W.M.	120141	66	49	8	19	-	-	1	2	-	-	-	-	-	1	4	16	-	
Brompton H - - W.M. & C.	49010	17	10	2	3	-	-	-	1	-	-	-	-	-	-	-	3	-	
St. Peter Hammersmith - - W.M.	7599	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.	64340	58	31	7	10	-	-	-	-	-	1	-	-	1	-	3	1	1	
Fulham Ww - - W.M. & C.	42900	71	45	12	17	-	3	1	-	1	-	-	-	-	-	2	14	-	
Chelsea South HHH - - C.	33396	22	16	8	1	-	1	-	2	-	-	-	-	-	-	-	10	-	
Chelsea North-west WHHHH - C.	24925	28	15	4	2	-	1	-	-	1	-	-	-	-	-	-	-	-	
Chelsea North-east - - C.	32907	25	16	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.	30353	11	19	3	11	-	2	-	2	-	-	-	-	-	-	-	13	-	
Belgrave WHHH - - C.	59220	28	33	4	10	-	-	-	-	-	-	-	-	-	1	1	15	-	
St. John Westminster HHH - C.	35498	19	15	6	4	-	2	-	-	-	-	-	-	-	-	1	3	-	
St. Margaret Westminster H - C.	24679	8	8	2	1	-	-	-	1	-	-	-	-	-	-	-	1	-	
St. James Westminster WHH N.R. & G.J.	29941	9	6	1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	
St. Anne Soho HHHHHH - N.R.	18608	3	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.	26759	13	10	1	1	-	-	-	-	1	-	1	-	-	-	-	3	-	
Cavendish Square HHHH - W.M.	14391	4	4	2	2	-	-	-	-	-	-	-	-	-	1	1	2	-	
Rectory Marylebone WH G.J. & W.M.	24809	13	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH G.J. & W.M.	21118	43	5	2	3	-	-	-	-	-	-	-	-	-	1	1	1	-	
Christchurch Marylebone H - W.M.	33700	17	15	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - W.M.	33633	9	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WwWHHHH N.R. & W.M.	45452	30	23	1	11	-	-	-	-	-	1	-	-	-	-	1	4	-	
Regent's Park Paneras H - W.M.	39115	17	8	2	1	-	-	-	-	1	-	-	-	-	1	2	-	-	
Tottenham-court WHHHH N.R. & W.M.	27729	7	18	6	4	-	-	-	2	-	-	-	-	-	-	-	6	-	
Gray's Ina Lane HHH - - N.R.	30247	10	15	8	3	-	-	-	-	-	-	-	-	-	1	1	2	-	
Somers Town H - - N.R.	34389	25	12	3	3	-	-	-	-	-	-	1	-	-	1	1	10	-	
Camden Town WH - - N.R.	17511	14	13	1	9	-	-	-	-	-	-	-	-	1	-	-	5	-	
Kentish Town W - - N.R.	87487	55	31	5	12	-	-	-	2	-	-	-	-	2	1	3	19	-	
Upper Holloway WwWH - N.R.	67946	62	43	10	17	-	-	-	-	-	-	-	-	2	1	3	5	-	
Islington South-west HH - N.R.	100976	67	33	14	5	-	5	-	-	-	1	1	-	-	3	5	-	-	
Islington South-east H - N.R.	61835	44	24	5	8	-	2	1	-	1	-	-	-	-	-	1	-	-	
Highbury H - - N.R.	52048	34	25	9	7	-	1	-	-	-	-	-	-	-	-	2	-	-	
Stoke Newington H - - N.R.	22731	16	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill - - E.L.	37610	11	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.	76911	54	33	5	13	-	2	4	1	-	-	-	-	1	3	4	18	-	
Hackney WwWHH - - E.L. & N.R.	39983	33	14	1	6	-	1	-	-	-	-	-	-	-	1	1	-	1	
South Hackney - - E.L.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.	16681	10	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.R.	14894	8	11	1	6	-	1	-	-	-	1	-	-	-	1	1	8	-	
St. Giles North - - N.R.	18837	5	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.	17508	5	9	1	1	-	-	-	-	-	-	1	-	-	-	-	6	-	
St. Mary-le-Strand H - - N.R.	7515	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Clement Dances H - - N.R.	8559	2	6	-	-	-	1	-	1	1	-	-	-	-	-	-	4	-	
Strand Union Workhouse, Edmonton w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Geo. the Martyr HHHHHH N.R.	16671	7	12	2	1	-	-	-	2	-	-	-	-	-	-	-	7	-	
St. Andrew Eastern W - - N.R.	10706	13	7	8	1	-	1	-	-	1	-	-	-	-	-	-	1	-	
Saffron Hill H - - N.R.	6533	4	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.	17516	12	7	1	-	-	2	-	-	-	-	-	-	-	1	1	-	-	
Arncliffe Clerkenwell - - N.R.	29281	15	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.R.	14773	8	2	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - N.R.	17506	16	4	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - N.R.	11541	13	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Old-street H - - N.R.	18628	16	5	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
City-road HHL - - N.R.	9217	2	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-	1	
Whitecross-street - - N.R.	7463	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
Holborn Union Workhouse, Mitcham. w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.	11174	6	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - N.R.	7193	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - N.R.	5359	1	13	1	2	-	-	-	-	-	-	-	-	-	1	2	11	-	
St. Bride W - - N.R.	8396	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHHH - N.R.	18608	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alhambra Barking - - N.R.	6652	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - N.R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-
house H—Hospital; L—Lunatic Asylum; &c.—A Workhouse Establishment receiving inmates from other Districts than that in which it stands
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L. East London;
and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, MEASLES, SCARLET FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 19th January, 1889.

		The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
EAST DISTRICTS.																					
Holywell Shoreditch	N.R. & E.L.	7376	7	4	-	1	-	-	-	-	-	-	-	-	1	1	3	-			
St. Leonard Shoreditch	HL*	14987	12	16	8	5	-	1	-	-	-	-	-	-	1	1	3	2			
Hoxton New Town	-	29937	38	15	1	12	-	-	-	-	-	-	-	-	-	-	1	8			
Hoxton Old Town	-	28036	23	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Haggerston	WH	46275	35	20	3	9	-	-	-	-	-	-	-	-	3	3	10	-			
Hackney-road	H	29738	26	15	6	1	-	2	1	-	-	-	-	1	-	1	1	-			
Green, Bethnal Green	WHL*	47529	45	25	3	6	-	3	-	-	-	-	-	-	1	1	2	10			
Church, Bethnal Green	-	22981	32	15	5	6	-	4	-	-	-	-	-	-	-	1	2	-			
Town, Bethnal Green	-	19810	8	8	1	-	-	1	-	2	-	-	-	-	-	-	-	-			
Spitalfields	-	22585	12	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-			
Mile End New Town	W	15473	16	11	2	6	-	-	-	-	1	-	-	-	-	-	5	-			
Whitechapel Church	H	17490	14	13	3	5	-	-	-	-	-	-	-	-	3	4	17	-			
Goodman's Fields	-	9713	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Aldgate	-	6102	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. George's, North	-	38747	35	9	3	2	-	1	-	1	-	-	-	-	-	1	-	-			
St. John, St. George East	W	8410	9	11	-	7	-	-	-	-	-	-	-	-	-	1	8	-			
Shadwell	HH	16395	7	10	2	-	-	1	1	2	-	-	-	-	-	1	1	3			
Ratcliff	-	18107	9	8	1	3	-	-	-	2	-	-	-	-	-	1	1	-			
Lincolns	-	32041	25	7	2	3	-	-	-	-	-	-	-	-	-	-	-	1			
Mile End Old Town West	-	37900	21	12	1	3	-	-	-	-	-	-	-	-	1	2	-	-			
Mile End Old Town East	WuW	67663	61	87	9	5	-	2	1	-	-	-	-	-	-	3	9	-			
Bow	-	37074	27	15	2	1	-	1	3	1	-	-	-	-	-	-	2	-			
Bromley	WuW	43859	50	34	8	6	-	1	-	1	-	-	-	-	3	6	12	-			
Poplar	W	55077	40	27	6	5	-	1	-	-	3	-	-	-	1	6	3	-			
SOUTH DISTRICTS.																					
Christchurch Southwark	WH	18663	5	5	1	2	-	1	-	-	-	-	-	-	-	-	1	-			
St. Saviour Southwark	-	14599	16	6	1	2	-	-	-	-	-	-	-	-	-	-	1	-			
Kent-road	-	21381	18	9	3	-	-	2	-	1	-	-	-	-	1	1	1	-			
Borough-road	WH	16963	13	12	5	1	-	4	-	-	2	-	-	-	1	1	1	-			
London-road	HL	21318	12	13	3	2	-	5	-	-	-	-	-	-	-	-	-	-			
Trinity Newington	-	25672	23	16	1	3	-	1	-	-	-	-	-	-	-	-	7	-			
St. Peter Walworth	W	58555	57	34	8	12	-	3	-	-	1	-	-	-	-	-	-	-			
St. Mary Newington	-	15623	16	12	5	3	-	-	-	1	-	-	-	-	1	1	-	-			
St. Olave	WH	11956	10	20	1	2	-	5	-	1	1	-	-	-	4	5	15	-			
Leather Market	-	16300	17	4	1	-	-	1	-	1	-	-	-	-	-	-	-	-			
St. Mary Magdalen	W	16669	17	10	3	3	-	2	-	-	-	-	-	-	-	-	-	1			
St. James Bermondsey	-	54683	53	21	6	6	-	-	-	-	1	-	-	-	-	-	-	-			
Rotherhithe	WH	36024	32	14	2	5	-	-	-	1	-	-	-	-	-	2	3	4			
Waterloo-road 1st	H	16195	14	6	2	1	-	-	-	-	-	-	-	-	1	1	-	-			
Waterloo-road 2nd	H	16361	19	11	3	1	-	3	-	1	1	-	-	-	2	2	-	-			
Lambeth Church 1st	H	19876	15	12	1	1	-	-	-	-	-	1	-	-	-	2	2	8			
Lambeth Church 2nd	W	39859	30	10	2	9	-	2	-	-	-	-	-	-	1	1	7	1			
Kennington 1st	-	45232	35	21	5	4	-	2	-	-	-	-	-	-	-	-	-	-			
Kennington 2nd	-	35382	21	15	1	6	-	1	-	-	-	-	-	-	-	-	-	-			
Brixton	WuW	62837	33	19	4	4	-	1	-	3	1	-	-	-	-	2	2	-			
Norwood	W	15017	16	7	4	1	-	-	-	-	-	-	-	-	1	-	-	1			
East Battersea	-	54675	61	19	7	2	-	5	-	-	-	-	-	-	1	-	-	-			
West Battersea	WuW	52387	57	40	7	7	-	10	1	1	2	-	-	-	-	1	3	5			
Clapham	H	36380	24	10	4	3	-	2	-	1	-	-	-	-	-	-	-	-			
Wandsworth	WHL	28004	27	11	4	1	-	1	-	-	-	-	-	-	-	-	1	-			
Fulham	-	13235	7	8	1	-	-	1	-	-	-	-	-	-	-	-	-	-			
Streatham	-	25583	26	8	-	3	-	-	-	-	-	-	-	-	-	-	-	1			
Dulwich	-	5590	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
Camberwell	WuW	59104	51	49	8	12	-	2	-	1	3	-	-	-	-	-	19	1			
Peckham	W	71089	54	36	9	12	-	7	-	1	-	-	-	-	-	1	2	-			
St. George Camberwell	-	59610	44	27	9	5	-	4	-	-	1	-	-	-	-	1	-	-			
St. Paul Deptford	WuW	76732	82	47	10	15	-	1	2	1	3	-	-	-	2	2	3	2			
St. Nicholas Deptford	-	7801	9	5	3	-	-	-	-	-	-	-	-	-	1	1	-	-			
Greenwich West	H	21972	11	11	-	4	-	-	-	-	-	-	-	-	-	-	-	1			
Greenwich East	WHH	24608	27	19	2	7	-	-	-	1	-	-	-	-	1	1	10	1			
Eltham	H	6048	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
Lee	H	21569	8	7	2	1	-	2	-	-	-	-	-	-	-	-	-	-			
Lewisham	WH	19865	16	8	2	5	-	2	-	-	-	-	-	1	-	-	2	-			
Woolwich	H	26076	25	8	2	2	-	-	-	-	-	-	-	-	1	-	1	-			
Charlton	-	10930	10	6	1	1	-	-	-	-	-	-	-	-	-	-	-	2			
Woolwich Dockyard	-	17617	10	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-			
Woolwich Arsenal	HH	19048	13	7	1	2	-	-	-	-	-	-	-	-	1	1	-	-			
Plumstead, West	H	14009	13	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-			
Plumstead, East	W	12241	29	18	3	7	-	-	-	-	-	-	-	1	2	2	4	1			
Metropolitan Asylum Hospitals:																					
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Winchmore Hill	W	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1			
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

The following WORKHOUSES and HOSPITALS receive inmates from other DISTRICTS than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Islington sub-district.
Holborn " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
" and Bromley sub-district.
* Private Lunatic Asylums in which paupers are received.
Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " in West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 19th January, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Ename- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Dea.				
LONDON—OUTER RING						370,924	950,957	894	403	94	124	-	9	1	4	4	2	4	10	22	37	5
30: 1	Carshalton <i>wL</i> -	12228	21118	14	5	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
2	Epsom (part of)* <i>WwB</i>	9971	10710	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHHL</i> -	20851	101241	84	42	8	13	-	-	-	-	-	-	-	-	-	-	1	3	8	-	
2	Mitcham <i>w†</i> -	11697	17932	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	14	4	1	1	-	-	-	-	1	-	-	-	-	1	1	1	-	-	
2	Kingston <i>WHH</i> -	8549	36354	20	20	4	6	-	2	-	-	-	-	1	1	-	-	-	-	-	-	
3	Esher (part of)* -	6601	9221	8	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
4	Hampton <i>H</i> -	4573	13539	9	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2372	21302	17	8	3	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	
2	Mortlake -	2941	12331	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i>	15689	31142	23	12	3	3	-	-	-	-	-	1	-	-	-	2	2	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	11	12	1	5	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
42: 1	Bexley <i>H</i> -	13487	24134	20	13	3	6	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i> -	11055	11635	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
2	Staines <i>W</i> -	13277	12039	6	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10802	7	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	6178	2325	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11523	5	7	2	3	-	-	-	-	1	-	-	-	-	-	-	1	2	-	
126: 1	Isleworth <i>WHH</i> -	7008	23727	19	9	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Twickenham <i>H</i> -	2477	12479	8	10	-	6	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27449	18	9	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Chiswick -	1340	15975	10	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	6036	22376	25	11	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H</i> -	13809	12796	10	4	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
2	Edgware <i>H</i> -	6994	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	35	18	3	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8332	10484	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Bushey -	9331	6621	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	South Mimms -	15899	6391	1	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
2	Barnet -	5433	10092	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
3	Finchley <i>HL</i> -	4698	17615	15	11	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
135: 1	Hatfield (part of)* -	3806	883	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3039	37078	30	17	5	5	-	-	-	-	-	1	-	-	1	-	-	-	-	-	
2	Tottenham <i>H</i> -	4342	46456	73	28	13	4	-	-	-	-	-	-	1	2	1	5	1	-	-	-	
3	Edmonton <i>Ww†</i> -	7485	23453	19	12	3	5	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
4	Enfield <i>WH</i> -	12653	19104	22	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5368	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8490	7735	8	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Stratford -	892	38605	38	17	5	1	-	1	-	-	1	-	-	-	-	-	1	-	-	-	
2	West Ham <i>wowwH‡</i> -	7351	101053	144	40	5	6	-	4	1	-	-	-	-	-	1	1	-	-	-	-	
3	Leyton <i>WwL</i> -	4372	32430	50	16	-	3	-	-	-	-	1	-	-	-	-	-	-	-	5	-	
4	Walthamstow <i>H</i> -	6520	28869	36	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Chigwell (part of)* <i>H</i>	11761	9689	8	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
139: 1	Romford (part of)* <i>W</i>	6730	3411	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
2	Ilford -	8493	7645	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 247); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 475); 139: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford; 137: 2, Watford; and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th January, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,331	5,642,015	20·1	2·4	2172	467	632	-	130	20	42	40	9	15	73	423		
INNER LONDON	77,410	4,351,738	21·2	2·8	1769	373	508	-	121	19	38	36	7	11	63	386		
OUTER RING	370,924	1,290,277	16·3	1·0	403	94	124	-	9	1	4	4	2	4	10	37		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.
CALCUTTA - -	433,219	November 24	-	-	-	-	-	-	-	-	-	-
BOMBAY - -	773,196	December 25	327	399	23·0	1	6	?	?	?	138	36†
MADRAS - -	398,777	" 7	339	324	42·2	-	-	?	?	?	58	59†
PARIS - - -	2,260,945	January 12	1240	1114	25·6	2	53	3	41*	6	19	46
BRUSSELS - (th 8 Faubourgs.)	462,069	" 12	255	242	27·2	-	11	-	-	1	4	12
AMSTERDAM -	390,016	" 12	309	201	26·1	-	19	1	9	2	1	-
ROTTERDAM -	197,723	" 12	156	99	26·0	-	-	1	-	2	-	-
THE HAGUE -	149,477	" 12	107	81	28·1	-	1	-	-	-	-	-
COPENHAGEN -	300,000	" 5	209	113	19·7	-	-	1	4	-	-	6
STOCKHOLM -	221,549	" 5	146	83	20·6	-	-	2	2*	-	2	6
CHRISTIANIA -	135,600	" 12	91	52	19·9	-	-	3	12	1	-	2
ST. PETERSBURG	642,883	" 5	-	501	31·0	-	-	14	6	8	8	74
BERLIN - -	1,438,006	December 29	908	567	20·6	-	16	-	28	8	6	30
HAMBURG(State)	550,694	January 5	373	254	24·1	-	-	1	21*	5	4	17
DRESDEN - -	259,142	" 5	152	78	15·4	?	-	-	7*	?	-	3
BRISLAU - -	313,451	" 12	198	195	32·9	-	1	2	12	2	-	8
MUNICH - -	275,000	" 5	204	165	30·5	-	8	3	8*	1	-	9
VIENNA - -	800,836	" 5	506	427	27·3	-	1	4	8	2	4	23
PRAGUE - -	295,857	" 5	-	209	36·9	24	-	4	14	1	3	6
BUDA-PESTH -	442,787	" 5	232	259	29·7	-	3	2	6	2	13	23
TRIESTE - -	156,042	" 5	-	89	29·3	4	-	-	-	-	-	1
ROME - -	388,300	December 1	226	210	28·2	-	7	1	3	-	15†	8
TURIN (10 days)	294,826	" 10	241	191	23·7	-	1	-	5	-	2	23
VENICE - -	150,502	" 29	71	76	26·4	-	-	-	1	-	-	3
CAIRO - -	374,338	" 27	434	294	40·9	-	-	-	2*	3	14	100
ALEXANDRIA -	231,396	" 27	231	190	42·8	-	1	-	4*	1	6	52
NEW YORK -	1,493,000	" 29	-	772	27·0	-	21	51	40	19	4	17
BROOKLYN -	774,870	" 29	-	341	22·1	-	6	12	23	7	4	3
PHILADELPHIA -	1,016,758	" 29	-	349	17·9	-	-	8	7	2	10	1
BALTIMORE -	431,879	" 29	-	163	19·7	-	-	-	3	-	4	-

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 4 from Cholera in Bombay, and 6 in Madras.

‡ Including 7 deaths from Malarial Fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19TH JANUARY, 1889.
[Under the Superintendence of the Astronomer Royal.]

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1889. Month and Day.		Phases of the Moon.	TEMPERATURE.						TEMPERATURE.						Wind as deduced from Anemometers.						Rain collected in a Gauge whose surface is 5 inches above the level of Ground.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Of the Air.				Of the Dew Point.		Difference between the Air and Dew Point Temperature.		Degree of Humidity (Saturation equals 100).	Of Radiation.		Of the Water of the Thames at Deptford.		Oster's.		General Direction.		Pressure on the Square Foot.			Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			High. est.	Low. est.	Daily Range.	Mean value.	De- parture from daily average of 30 years.	Mean daily value.	Great- est.	Least.		High- est in Sun's Rays.	Low- est. Grass.	High- est.	Low- est.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hours hourly obs.			Horizontal Movement on each Day.	Vertical Movement on each Day.	Average of 10 Years.	Miles.	Miles.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1873.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average. The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Office Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight, from 29.55 in. at the beginning of the week to 30.04 in. by 9h. P.M. on the 14th; increased to 29.78 in. by 9h. A.M. on the 15th; increased to 30.20 in. by 9h. P.M. on the 16th; decreased to 29.78 in. by 9h. A.M. on the 17th; increased to 30.20 in. by 9h. P.M. on the 18th; and decreased to 30.18 in. by the end of the week.

GENERAL REMARKS.

Overcast. Slight showers in morning.

Overcast. A little fine rain in evening.

Overcast.

Overcast. Very small range of temperature.

Showery in forenoon; overcast till evening; thinner clouds at night.

Generally cloudy.

Overcast in early morning, with slight showers of rain; fine throughout day, with small amounts of cloud generally.

DATE.	Electricity.	Registered Sun short Sunshine.	Horizon.
JANUARY.	(For explanation of symbols, see Note.)	in hours.	in hours.

SUNDAY	13	0.0	8.2	0.0	8.2
MONDAY	14	0.0	8.2	0.0	8.3
TUESDAY	15	0.0	8.3	0.0	8.3
WEDNESDAY	16	Instrument under adjustment.	0.0	8.3	0.0
THURSDAY	17		0.0	8.3	0.0
FRIDAY	18		0.4	8.4	0.4
SATURDAY	19		1.1	8.4	1.1
Sum		1.5	Sum 58.1		

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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WEEK ENDING SATURDAY, JANUARY 26.

[Price 1½d.]

*General Register Office, Somerset House,
28th January, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·6 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.		Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.
Birkenhead	13·7	26·0	18·3	19·3	Liverpool -	29·6	28·9	27·5	24·9
Birmingham	22·1	28·3	21·9	24·9	London -	21·4	24·9	21·2	19·4
Blackburn	39·2	44·8	34·9	27·1	Manchester -	28·0	34·6	26·9	26·9
Bolton -	25·9	24·1	20·5	19·6	Newcastle-on-Tyne*	20·1	23·7	20·4	21·7
Bradford*	22·0	20·0	16·6	15·8	Norwich -	23·2	24·8	20·4	15·5
Brighton	12·9	16·7	16·3	17·1	Nottingham -	20·6	18·2	16·2	18·9
Bristol -	21·4	25·5	22·5	18·2	Oldham -	23·8	26·7	28·2	25·7
Cardiff*	32·9	31·9	33·8	24·5	Plymouth -	21·3	21·3	24·0	23·3
Derby -	21·7	21·7	15·9	12·2	Portsmouth -	23·3	21·1	20·7	15·9
Halifax -	20·6	25·1	26·4	23·8	Preston -	27·0	30·5	24·5	28·0
Huddersfield	22·5	24·2	23·6	20·2	Salford*	23·8	26·7	19·6	23·8
Hull -	19·1	18·8	11·5	14·5	Sheffield -	20·3	26·0	22·0	25·5
Leeds -	25·7	24·2	26·0	18·1	Sunderland -	23·3	22·6	21·0	20·2
Leicester*	23·2	23·9	15·6	19·8	Wolverhampton -	19·0	28·4	22·1	17·1

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·1 in Leicester, 2·2 in Sheffield and in Blackburn, 2·4 in Liverpool, 2·9 in Salford, 3·1 in Birkenhead, 3·2 in Bristol, and 3·3 in Oldham; from *whooping-cough*, 1·3 in Blackburn, 1·6 in Birmingham, and 3·0 in Preston; from *scarlet fever*, 2·2 in Blackburn; and from "*fever*," 1·1 in Derby. The 52 deaths from *diphtheria* in these towns included 33 in London, 7 in Manchester, 5 in Salford, and 2 in Leicester. *Small-pox* caused one death in Bradford, but not one in London or in any of the twenty-six other great towns.

LONDON.

In LONDON 2599 BIRTHS and 1620 DEATHS were registered. Allowing for increase of population, the births were 295, and the deaths 368, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·4, 24·9, and 21·2 in the three preceding weeks, further declined last week to 19·4. During the first four weeks of the current quarter the death-rate averaged 21·7 per 1000, and was 1·9 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1620 deaths included 83 from measles, 20 from scarlet fever, 33 from diphtheria, 24 from whooping-cough, 10 from enteric fever, 1 from an undefined form of continued fever, 24 from diarrhœa and dysentery, and not one from small-

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

pox, typhus, or cholera; thus, 195 deaths were referred to these diseases, being 49 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 16. Only one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 176 and 121 in the two previous weeks, further declined last week to 83, but exceeded the corrected average by 48; 5 belonged to Islington, 4 to St. Giles', 3 to St. Luke's, 3 to St. George Southwark, 3 to Bermondsey, 8 to Lambeth, 9 to Battersea, 16 to Camberwell, and 5 to Plumstead sanitary areas. The 20 deaths from *scarlet fever* showed a further increase of one upon the low numbers in recent weeks, but were 16 below the corrected average; 4 belonged to Hackney, 2 (at 54, Gloucester Road) to Islington, 2 to Bermondsey, 3 to Lambeth, and 3 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 672 scarlet fever patients, against numbers declining in the ten preceding weeks from 980 to 687; 61 cases were admitted during the week, against 41 and 51 in the two previous weeks. The fatal cases of *diphtheria*, which had been 21 and 38 in the two preceding weeks, declined again last week to 33, but exceeded the corrected average by 16; 3 belonged to Paddington, 3 to Kensington, 2 to St. George, Hanover Square, 2 to Islington, 2 to Hackney, 2 to St. Giles, 2 to Clerkenwell, 3 to Poplar, 2 to Newington, 2 to Lambeth, and 2 to Greenwich sanitary areas. The 24 deaths from *whooping-cough* showed a further decline of 12 from the numbers in recent weeks, and were 82 below the corrected average; 6 belonged to Camberwell and 6 to Greenwich sanitary areas. The 24 deaths attributed to *diarrhoea* and *dysentery* exceeded the number in the previous week by 13, and were 10 above the corrected average.

The deaths referred to *enteric fever*, which had been 14, 10, and 7 in the three preceding weeks, rose again last week to 10, but were 5 below the corrected average; 2 belonged to Shoreditch sanitary area. The death of a male aged 59 years in Islington was indefinitely referred to "continued fever, undefined." The Metropolitan Asylum Hospitals contained 65 cases of enteric fever, and one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 4 and 8 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 652 and 492 in the two preceding weeks, further declined last week to 456, and were 125 below the corrected average.

Different forms of violence caused 50 deaths; 44 were the result of negligence or accident, among which were 18 from fractures and contusions, 11 from burns and scalds, 4 from drowning, and 8 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 (1 intoxicated) by accidents from vehicles in street; 2 by accidents on railway; 1 by accident from machinery; 1 crushed by lift; 4 by fall down stairs; 1 by fall down shaft of lift; 1 by fall from horizontal bar; 1 by fall from swing; 2 by fall on pavement; 1 by fall, the nature of which was not stated; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 18 cases. Three cases of suicide were registered, the corrected average being 4.

The death of a marine storedealer, whose age was stated to be 103 years, was registered in the City; and that of a domestic servant in the Mile End Old Town Workhouse Infirmary, whose age was stated to be 105 years.

GREATER LONDON.

In Greater London 3387 births and 2038 deaths were registered, corresponding to annual rates of 31·3 and 18·8 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 9 from diarrhoea, and 4 from whooping-cough were registered. The fatal cases of measles included 6 in West Ham and 2 in Croydon sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·21 ins.; the lowest reading was 30·01 ins. on Sunday at noon, and the highest 30·32 ins. on Wednesday morning. The mean temperature of the *air* was 38°·5, and 1°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first five days of the week, but showed an excess on Friday and Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·5 miles per hour, which was 5·4 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·15 of an inch. The duration of registered bright sunshine in the week was 5·3 hours, against 7·5 hours at Glynde Place, Lewes.

DEATHS and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 26th January, 1889.

CITIES AND BOROUGH.	Registered during the Week ending 23rd Jan., 1889.		Population estimated to the 1st of the Year 1889.		The Deaths registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
	BIRTHS.	DEATHS.	1.	2.	3.	4.	5.	Deaths from							Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.	From All Week's Deaths to the corresponding Cols. 6-12.	Mean.			In Inches.	In Cent.				
								Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Pever.	Diarrhoea.					Violence.								
																				Highest. Fahrenheit.	Lowest. Fahrenheit.			Centigrade.			
28 TOWNS* LONDON BRIGHTON PORTSMOUTH NORWICH PLYMOUTH BRISTOL WOLVERHAMPTON BIRMINGHAM LEICESTER NOTTINGHAM DERBY BIRMINGHAM LIVERPOOL LONDON MANCHESTER SALFORD OLDHAM BLACKBURN PRESTON HUDDERSFIELD HALIFAX BRADFORD LEEDS SHEFFIELD HULL SUNDERLAND NEWCASTLE CARDIFF EDINBURGH GLASGOW DUBLIN	5714 2699 53 99 83 51 122 50 243 100 118 54 51 323 73 252 117 75 113 69 38 53 123 250 219 125 94 115 82 161 383 202	3775 1620 40 43 28 35 80 27 217 57 86 23 38 289 43 195 107 70 63 56 66 37 71 120 160 58 124 122 67 53	807 325 8 11 6 11 21 3 45 22 24 3 4 62 16 31 28 12 18 11 9 8 11 13 36 37 13 71 22 38 27 20 52 18 15	948 469 15 14 11 14 14 11 54 10 20 7 11 75 7 39 17 12 12 12 9 8 9 14 22 27 14 12 24 10	1 - - - - - - - - 1 -																						

TABLE 2. LONDON.—Births and Deaths Registered in the FOURTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2641	2436	2864	2665	2670	2410	2727	2386	2579	2715	2894.4	2599
Males	1309	1275	1430	1341	1352	1224	1391	1419	1274	1382	1460.9	1285
Females	1332	1161	1434	1324	1318	1186	1336	1417	1305	1333	1433.5	1314
TOTAL Deaths	1812	2200	2114	1971	1548	1531	1885	1769	1585	1816	1988.0	1620
Males	894	1084	1043	956	807	779	939	860	813	878	987.2	848
Females	918	1116	1071	1015	741	752	946	909	772	938	1000.8	772

*The numbers in this column are the average weekly numbers in the fourth weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.
TOTAL Births	2373	2770	2606	2722	2367	2644	2291	2655	1876	2855	2668	2837	2599
TOTAL Deaths	1613	1520	1619	1409	1352	1461	1455	1802	1641	1784	2075	1769	1620
Ages at Death													
{ 0-20 years	770	769	825	724	701	765	720	888	779	825	850	776	709
{ 20-40 "	189	186	179	167	164	177	178	197	173	204	218	197	162
{ 40-60 "	275	227	284	212	217	243	247	286	277	303	333	288	250
{ 60-80 "	310	288	260	257	223	228	251	356	335	366	506	423	394
{ at 80 years & upwds.	69	50	71	49	47	48	59	75	77	81	118	80	75
"													
{ Under 1 year	383	400	377	342	327	375	307	390	345	372	373	373	325
{ 1-5 "	297	281	332	292	288	296	314	375	341	338	370	315	231
{ 5-20 "	90	88	116	90	86	94	99	123	93	115	107	88	103
Deaths from Small-pox	1	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	88	109	124	133	141	139	154	184	147	143	176	121	83
" " Scarlet fever	24	18	31	20	24	30	17	25	20	12	17	19	20
" " Diphtheria	32	34	44	41	34	35	39	39	34	33	21	38	33
" " Whooping-cough	19	15	17	19	20	13	14	25	28	32	37	36	24
" " Typhus	-	-	-	1	-	1	-	-	-	-	-	-	-
" " Enteric fever	22	14	15	15	11	12	18	12	8	14	10	7	10
" " Simple Cont's fever	-	-	-	1	1	-	-	-	-	1	1	-	1
" " Diarrhoea and Dysentery	34	18	16	18	13	19	11	16	14	11	12	11	24
" " Cholera	-	-	-	-	1	-	-	-	-	-	1	-	-
" " all the above-mentioned Diseases	220	208	247	248	245	249	253	301	251	246	275	232	195
" " Dis. of Respiratory System	441	373	374	287	258	277	330	440	412	484	652	492	456
" " Phthisis	149	126	152	132	136	144	160	153	152	154	187	136	152
" " Dis. of Circulatory System	138	133	108	105	96	101	109	127	130	160	195	155	141
Violent Deaths	59	50	60	43	54	62	40	81	52	61	58	63	50
Inquest Cases	117	110	117	105	103	120	86	154	107	132	143	121	102
Deaths in Public Institutions	369	346	371	311	311	302	353	395	335	360	398	386	401
TEMPERATURE OF THE AIR													
Mean	50.3	42.1	50.5	49.0	45.7	49.1	33.3	40.4	42.5	31.8	35.3	37.8	38.5
Mean of Highest readings	54.7	47.0	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3
Mean of Lowest readings	46.7	37.7	45.2	44.9	41.6	43.6	27.9	36.0	36.6	27.1	30.9	34.0	33.6
Humidity of the Air	92	86	89	81	89	87	93	94	90	93	95	87	93
Rain-fall in inches	2.68	0.20	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00	0.49	0.02	0.15
Registered Sunshine (in hours)	3.8	12.5	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. B. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton, John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Aclandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 4th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 26th January 1889.										Corrected Averages for the 4th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 4th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 26th January 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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ALL CAUSES - -	1888-90	1620	325	231	103	162	280	394	75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be accurately ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of															Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 50 Years & upwards.	Deaths from														
					Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.						
LONDON		3,815,704	2599	1620	325	469	-	83	20	33	24	-	10	1	24	50	102	401	15		
WEST DISTRICTS		637,633	399	283	51	99	-	5	1	11	4	-	2	-	5	10	17	81	-		
NORTH DISTRICTS		905,947	608	347	71	111	-	8	6	5	1	-	3	1	6	6	19	73	-		
CENTRAL DISTRICTS		282,238	149	184	20	29	-	8	-	5	-	-	-	-	2	9	13	41	1		
EAST DISTRICTS		692,738	532	313	65	90	-	12	3	3	3	-	3	-	4	13	33	111	1		
SOUTH DISTRICTS		1,265,148	918	543	118	140	-	50	10	9	16	-	2	-	7	12	20	92	13		
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		69888	53	28	8	11	-	1	-	-	1	-	-	-	1	2	2	6	-		
St. John Paddington H - - G.J.		37330	11	24	4	8	-	-	-	-	-	-	-	-	-	2	3	10	-		
Kensington Town Ww - - W.M.		120141	77	47	8	24	-	-	-	3	-	1	-	-	-	-	-	14	-		
Brompton H - - W.M. & C.		48010	11	13	3	4	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Peter Hammer-smith - - W.M.		7899	5	1	-	-	-	-	-	-	-	-	-	-	1	1	4	6	-		
St. Paul Hammer-smith H W.M. & G.J.		64340	46	81	5	11	-	-	-	1	2	-	-	1	1	1	10	-	-		
Fulham Ww - - W.M. & C.		42900	65	29	6	11	-	-	-	3	2	-	-	-	-	-	-	-	-		
Chelsea South HHH - - C.		3036	18	12	-	4	-	-	-	-	1	-	-	-	1	1	3	-	-		
Chelsea North-west WHHHHH - C.		24025	14	19	4	3	-	-	-	-	-	-	-	-	-	-	-	12	-		
Chelsea North-east - - C.		32807	17	11	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - G.J.		30853	13	9	2	5	-	2	-	3	-	-	1	-	2	2	2	9	-		
Belgrave WHHH - - C.		49220	26	25	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Westminster HHH - C.		35498	22	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster H - C.		24679	7	13	1	3	-	2	-	-	-	-	-	-	1	1	3	-	-		
St. James Westminster WHH N.R. & G.J.		29941	9	13	1	3	-	-	1	-	-	-	-	-	1	2	3	-	-		
St. Anne Soho HHHHHHH - N.R.		16808	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		26759	10	12	-	3	-	-	-	-	-	-	-	-	-	-	-	8	-		
Cavendish Square HHHH - - W.M.		14811	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
Restory Marylebone WH G.J. & W.M.		24309	12	10	-	5	-	-	-	-	-	1	-	-	-	-	-	1	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	30	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Christchurch Marylebone H - W.M.		33700	14	15	3	7	-	-	-	-	-	-	-	-	-	-	1	-	-		
St. John Marylebone H - - W.M.		33633	17	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead WwWHHHH N.R. & W.M.		45452	30	7	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
Regent's Park Pancras H - - W.M.		29115	53	11	4	6	-	-	-	1	-	-	-	-	-	-	1	8	-		
Tottenham-court WHHHH N.R. & W.M.		27729	16	16	3	6	-	-	-	-	-	-	-	1	-	-	2	3	-		
Gray's Inn Lane HHH - - N.R.		30247	24	17	4	3	-	-	1	-	-	-	-	-	1	-	-	-	-		
Somers Town H - - N.R.		34369	26	8	3	2	-	-	-	-	-	-	-	-	-	3	3	10	-		
Camden Town WH - - N.R.		17311	15	15	3	7	-	-	-	-	-	-	-	1	1	3	4	-	-		
Kentish Town W - - N.R.		87487	65	19	12	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
Upper Holloway WWWH - - N.R.		67946	42	40	6	13	-	2	2	-	-	-	-	-	1	2	3	19	-		
Islington South-west HH - - N.R.		16976	73	39	12	15	-	1	-	-	-	-	-	1	-	-	2	-	-		
Islington South-east - - N.R.		61835	37	26	5	4	-	2	-	-	-	-	1	-	-	-	-	-	-		
Highbury H - - N.R.		52048	24	17	-	6	-	1	-	-	-	-	-	-	-	-	2	3	-		
Stoke Newington H - - N.R.		22781	11	9	2	3	-	-	1	-	1	-	-	-	-	1	-	-	-		
Stamford Hill - - E.L.		9277	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - N.R.		73610	19	6	-	2	-	-	1	-	-	-	-	-	-	-	-	1	-		
Hackney WwWH - - E.L. & N.R.		76911	45	40	3	13	-	2	2	3	-	-	1	-	1	-	1	13	-		
South Hackney - - E.L.		39433	27	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.R.		16681	10	8	3	3	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. Giles South WH - - N.R.		14854	8	7	-	1	-	2	-	-	-	-	-	-	-	-	-	2	-		
St. Giles North - - N.R.		13837	4	6	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	6	7	1	1	-	-	-	-	-	-	-	-	-	1	1	3	-		
St. Mary-le-Strand H - - N.R.		7315	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Clement Danes H - - N.R.		8569	9	11	4	2	-	-	2	-	-	-	-	-	-	1	2	6	-		
Strand Union Workhouse, Edmonton w.		-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
St. Geo. the Martyr HHHHHH N.R.		18571	12	13	2	2	-	1	-	-	-	-	-	-	-	-	-	5	-		
St. Andrew Eastern W - - N.R.		10705	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Hill H - - N.R.		6533	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - N.R.		17516	6	5	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - N.R.		19231	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - N.R.		14773	11	5	1	1	-	-	1	-	1	-	-	-	-	-	-	-	-		
Goodwell-street - - N.R.		17908	7	4	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-		
Old-street H - - N.R.		11541	7	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - N.R.		18623	24	7	-	2	-	1	-	-	-	-	-	-	1	2	-	-	-		
Whitecross-street - - N.R.		9217	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury - - N.R.		7463	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcham. w.		-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Botolph H - - N.R. & E.L.		11174	6	5	1	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
Cripplegate - - N.R.		7193	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.		5598	-	21	-	3	-	1	-	1	-	-	-	-	5	6	19	-	-		
St. Bride W - - N.R.		8296	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1		
Allhallows Barking - - N.R.		13666	6	4	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
Broad Street H - - N.R.		4652	2	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; &—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifi-
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London;
and K. the Kent Company.

FEVER, DYPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 26th January, 1889.

		The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Total DEATHS.	Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
FAST DISTRICTS.																			
Holywell Shoreditch	N.R. & E.L.	7376	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Leonard Shoreditch	HL*	14967	11	3	1	1	-	-	-	1	-	1	-	-	-	-	1		
Hoxton New Town	-	29937	28	19	3	0	3	1	-	-	1	-	-	-	-	-	14		
Hoxton Old Town	-	26036	18	6	2	1	-	-	-	-	-	-	-	-	1	1	1		
Haggerston	WH -	46275	45	24	3	7	-	1	-	-	-	1	-	-	1	3	11		
Hackney-road	H -	29738	26	9	5	1	-	1	-	-	-	-	-	1	-	1	-		
Green, Bethnal Green	WHL*	47632	33	27	1	3	-	-	-	-	-	-	-	-	-	-	20		
Church, Bethnal Green	-	29981	23	15	4	3	-	1	-	-	-	1	-	-	2	-	-		
Town, Bethnal Green	-	19810	23	6	4	1	-	1	-	-	-	-	-	-	1	-	-		
Spitalfields	-	22585	15	9	3	1	-	-	-	-	-	-	-	-	1	2	-		
Mile End New Town	W	15478	18	14	4	4	-	-	-	-	-	-	-	-	-	-	9		
Whitechapel Church	H	17490	6	50	2	3	-	-	-	-	-	-	-	-	4	5	17		
Goodman's Fields	-	9713	3	4	3	1	-	-	-	1	-	-	-	-	-	-	-		
Aldgate	-	6102	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's, North	-	38747	20	18	4	4	-	1	-	-	-	-	-	1	-	1	-		
St. John, St. George East	W	8410	2	9	2	3	-	-	-	-	-	-	-	-	1	7	-		
Shadwell	HH	10995	6	5	-	-	-	-	-	-	-	-	-	-	1	3	-		
Ratcliff	-	16107	9	7	3	2	-	-	-	-	-	-	-	-	-	-	-		
Limhouse	-	32041	21	9	2	4	-	-	-	-	-	-	-	-	-	-	-		
Mile End Old Town West	-	37980	28	8	2	1	-	-	-	-	-	-	-	1	-	4	1		
Mile End Old Town East	WHL & E.L.	67653	52	34	5	16	-	1	1	1	-	-	-	-	-	8	-		
Bow	-	37074	22	9	-	3	-	-	-	-	-	-	-	-	-	1	-		
Bromley	WHL & W	43859	61	32	4	11	-	1	-	1	-	-	-	-	4	6	16		
Poplar	WHL	45077	46	23	8	6	-	-	-	-	-	-	-	-	2	4	5		
SOUTH DISTRICTS.																			
Christchurch Southwark	WH	18663	9	5	1	-	-	1	-	-	-	-	-	-	-	-	-		
St. Saviour Southwark	-	14999	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kent-road	-	21381	19	9	3	1	-	-	-	-	-	-	-	-	-	-	-		
Borough-road	WH	18933	18	10	1	1	-	3	-	1	-	-	-	-	2	2	3		
London-road	HL	21318	17	8	3	-	-	-	-	-	-	1	-	-	-	1	2		
Trinity Newington	-	55072	16	12	3	4	-	2	-	-	-	-	-	1	-	-	-		
St. Peter Walworth	W	58555	45	22	6	9	-	-	-	-	-	-	-	-	1	1	3		
St. Mary Newington	-	31623	18	11	3	2	-	-	1	-	-	-	-	-	-	-	-		
St. Olave	WH	11956	3	12	4	1	-	1	-	1	-	-	-	1	-	1	5		
Leather Market	-	16300	6	7	3	1	-	-	-	-	-	-	-	-	-	-	1		
St. Mary Magdalen	W	54683	5	9	4	-	-	-	-	-	-	-	-	1	-	-	-		
St. James Bermondsey	-	54683	35	19	3	2	-	2	1	-	1	-	-	-	-	-	-		
Rotherhithe	WH -	36024	37	19	8	5	-	-	-	-	-	-	-	-	1	2	4		
Waterloo-road 1st	H -	15195	11	6	2	-	-	1	1	-	-	-	-	-	-	-	1		
Waterloo-road 2nd	H -	16351	21	11	2	3	-	-	-	-	-	-	-	-	-	2	-		
Lambeth Church 1st	H	16351	13	22	6	6	-	1	1	-	-	-	-	-	2	3	7		
Lambeth Church 2nd	W	39849	32	27	8	7	-	2	-	-	-	-	-	1	-	9	1		
Kennington 1st	-	45233	31	21	2	6	1	-	-	-	-	-	-	-	-	-	-		
Kennington 2nd	-	35532	22	13	2	1	-	1	1	1	-	1	-	-	-	-	-		
Brixton	WHL	62837	18	16	4	5	-	1	-	1	-	-	-	-	-	-	2		
Norwood	W	19017	17	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
East Battersea	-	54675	52	16	5	1	-	4	-	-	-	-	-	-	-	-	-		
West Battersea	WHL	52587	55	25	4	7	-	5	-	-	-	-	-	1	-	-	-		
Clapham	H -	36840	17	4	-	3	-	-	-	-	-	-	-	-	-	-	-		
Wandsworth	WHL	28004	23	9	2	2	-	-	-	-	-	-	-	-	-	1	2		
Putney	-	18235	3	6	2	2	-	-	-	-	-	-	-	-	1	1	-		
Streatham	-	25533	17	14	2	7	-	-	-	1	-	-	-	-	-	-	-		
Dulwich	-	5590	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell	WHL & L	59104	41	37	3	16	-	-	-	-	3	-	-	-	-	-	26		
Peckham	W	71089	62	35	6	7	-	2	-	-	2	-	-	2	-	1	2		
St. George Camberwell	-	40510	40	10	5	4	-	6	-	1	1	-	-	-	1	2	-		
St. Paul Deptford	WHL	76752	46	35	8	7	-	1	5	-	5	-	-	-	2	2	6		
St. Nicholas Deptford	-	7501	2	4	1	1	-	1	-	-	-	-	-	-	-	-	-		
Greenwich West	H	21972	15	7	1	2	-	-	-	1	1	-	-	-	-	1	-		
Greenwich East	WHL	24608	17	23	2	9	-	-	-	1	1	-	-	-	1	1	14		
Eltham	H -	2548	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lee	H -	21539	7	6	-	1	-	5	-	-	-	-	-	-	-	-	-		
Lewisham	WH	18865	11	7	1	5	-	-	-	-	-	-	-	-	-	1	-		
Sydenham	H	26076	8	6	1	3	-	-	-	-	-	-	-	-	-	-	-		
Charlton	H -	10930	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Woolwich Dockyard	-	17617	13	7	2	2	-	-	-	-	-	-	-	-	-	-	1		
Woolwich Arsenal	HH	19048	16	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
Plumstead, West	H	14009	10	5	1	2	-	-	-	-	-	-	-	-	1	1	-		
Plumstead, East	W	15241	19	7	1	2	-	-	-	-	1	-	-	-	-	3	-		
Metropolitan Asylum Hospitals:																			
Larkfield	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Winchmore Hill	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

The following WORKHOUSE RESIDENDERS receive inmates from other DISTRICTS than the one in which they stand, and are indicated in the above Table by W.

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City " " Mile End Old Town Eastern sub-dist.
and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " " Westminster (Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE C.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 26th January, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Cholera.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes. Total.				
LONDON—OUTER RING						370,924	950,957	798	418	108	125	-	13	-	3	4	3	0	15	26	52	3
30: 1	Carshalton <i>W</i> L -	12228	21118	12	15	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-
2	Epsom (part of)* <i>W</i> W [†] -	9871	10710	10	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-
37: 1	Godstone (part of)* -	2754	1235	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon <i>W</i> W [‡] HL -	20851	101241	49	28	11	5	-	2	-	-	-	-	1	1	-	-	2	2	-	-	-
2	Mitcham <i>W</i> † -	11697	17932	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
39: 1	Wimbledon <i>H</i> HH -	3220	15950	17	8	2	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
2	Kingston <i>W</i> HH -	8549	36354	20	12	2	6	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-
3	Esher (part of)* -	6601	9221	5	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i> -	4573	13539	12	2	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-
40: 1	Richmond <i>W</i> H -	2272	21302	10	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Mortlake -	2941	12331	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* <i>H</i> H -	15639	31142	19	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-	-
2	Chislehurst (pt. of)* <i>W</i> HH -	14307	15314	6	9	-	4	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
42: 1	Rexley <i>H</i> -	13437	24134	10	6	1	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
2	Dartford (<i>W</i> ic, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury <i>W</i> -	11055	11635	2	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12039	12	6	1	4	-	-	-	-	-	-	-	-	-	-	-	2	4	-	-
125: 1	Hillingdon <i>W</i> HH -	6029	10802	11	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge -	6178	3225	6	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>W</i> HL -	14537	11523	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
126: 1	Isleworth <i>W</i> HH -	7093	23727	14	21	7	8	-	-	-	-	-	-	1	2	-	-	3	5	-	-	-
2	Twickenham <i>H</i> -	2477	12479	7	5	1	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
3	Brentford <i>H</i> L -	4345	27649	14	9	2	2	-	1	-	-	-	-	-	-	-	2	2	-	-	-	-
4	Chiswick -	1340	15975	21	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>W</i> H -	6093	22376	14	9	5	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
127: 1	Harrow <i>H</i> -	13309	12793	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> -	6994	3749	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	43	7	3	2	-	1	-	-	-	-	-	-	-	2	2	-	-	-	-
4	Hendon <i>W</i> -	8382	10494	12	6	1	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
137: 1	Bushey -	9331	6621	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms -	15599	6391	2	2	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
2	Barnet -	5483	10092	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>H</i> L -	4698	17615	17	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
135: 1	Hatfield (part of)* -	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey <i>H</i> -	3039	37078	25	12	5	1	-	1	-	-	1	-	-	-	-	-	1	-	-	-	-
2	Tottenham <i>H</i> -	4642	46456	69	31	11	4	-	1	-	1	-	1	2	1	1	2	-	-	-	-	-
3	Edmonton <i>W</i> W [†] -	7453	23493	18	10	3	4	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-
4	Enfield <i>W</i> H -	12533	19104	12	10	2	5	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-
5	Waltham Abbey -	11017	5348	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8490	7735	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Stratford -	892	38606	24	13	-	4	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
2	West Ham <i>W</i> W [‡] W [‡] -	7351	101053	139	62	13	13	-	6	-	-	-	-	-	-	-	1	3	-	-	2	-
3	Leyton <i>W</i> W [‡] L -	4372	32430	87	21	5	9	-	-	-	-	-	-	-	-	-	-	1	1	5	-	-
4	Walthamstow <i>H</i> -	6520	28899	33	22	6	6	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
137: 1	Chigwell (part of)* <i>H</i> -	11761	9639	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Romford (part of)* <i>W</i> -	6730	3411	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	0	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	14	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow—
 30: 2, Epsom sub-district, except the parishes of Asnestad and Headley (pop. 1205); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 47); 139: 1, the parish of Daguenham in Romford sub-district.
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).
 ‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).
 § Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th January, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	18·8	2·1	2038	433	594	-	96	20	36	28	14	33	65	453		
INNER LONDON	77,410	4,351,738	19·4	2·3	1620	325	469	-	83	20	33	24	11	24	50	401		
OUTER RING	370,924	1,290,277	16·9	1·3	418	108	125	-	13	-	3	4	3	9	15	52		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,535,861 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,319	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY	773,196	January 1	309	430	24·8	1	9	?	?	?	?	154	39+
MADRAS	398,777	December 14	310	323	42·7	1	6	?	?	?	?	62	51+
PARIS	2,260,945	January 19	1168	1027	23·6	2	50	-	37*	5	15	38	
BRUSSELS (with 8 Faubourgs.)	462,069	" 19	360	202	22·7	-	12	-	3	3	3	9	
AMSTERDAM	390,016	" 19	268	202	20·3	-	16	-	3	2	-	-	
ROTTERDAM	197,723	" 19	117	121	31·7	-	-	-	-	2	-	1	
THE HAGUE	149,477	" 19	100	74	25·7	-	2	-	-	1	-	-	
COPENHAGEN	307,000	" 12	202	107	18·2	-	-	-	4	1	-	4	
STOCKHOLM	221,540	" 12	128	70	16·4	-	-	3	5*	-	2	5	
CHRISTIANIA	135,600	" 19	46	53	22·2	-	1	1	7	2	-	1	
ST. PETERSBURG	842,883	" 12	-	553	34·2	-	-	11	11	5	13	74	
BERLIN	1,470,582	" 5	639	392	19·5	-	12	-	14	7	2	28	
HAMBURG (State)	150,694	" 12	343	258	24·4	-	1	3	21*	2	7	11	
DRESDEN	264,196	" 12	142	90	19·5	?	-	-	9*	?	2	3	
BRESLAU	313,451	" 19	213	179	29·9	-	-	-	10	3	-	4	
MUNICH	281,000	" 12	194	135	25·0	-	6	4	12*	3	-	14	
VIENNA	811,434	" 12	528	415	20·6	-	4	2	3	2	5	45	
PRAGUE	300,823	" 12	-	197	34·2	15	5	1	11	1	-	6	
BUDA-PESTH	452,907	" 12	293	253	29·0	-	-	2	4	-	5	14	
TRIESTE	158,084	" 12	-	95	31·2	1	-	-	2*	1	1	1	
ROME	462,232	December 8	-	-	-	-	-	-	-	-	-	-	
TURIN (10 days)	194,826	" 20	232	189	23·4	2	3	-	4	-	3	12	
VENICE	153,213	January 5	75	68	23·2	-	-	-	1*	-	1	-	
CAIRO	374,338	" 3	476	296	41·2	1	-	-	-	7	18	79	
ALEXANDRIA	231,396	" 3	223	191	43·1	-	3	-	3*	1	9	45	
NEW YORK	1,548,623	" 5	-	735	25·4	-	25	47	43	14	9	14	
B. OKLYE	814,505	" 5	-	345	22·1	-	5	9	25	9	3	3	
PHILADELPHIA	1,040,245	" 5	-	366	18·4	-	-	14	4	2	10	1	
ALTIMORE	500,343	" 5	-	164	17·1	-	-	-	6	3	7	3	

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 9 from Cholera in Bombay, and 6 in Madras.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
4th February, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.		Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.
Birkenhead	26·0	18·3	19·3	30·5	Liverpool -	28·9	27·5	24·9	20·9
Birmingham	28·3	21·9	24·9	18·7	London -	24·9	21·2	19·4	18·8
Blackburn -	44·8	34·9	27·1	33·6	Manchester -	34·6	26·9	26·9	25·5
Bolton -	24·1	20·5	19·6	20·0	Newcastle-on-Tyne*	23·7	20·4	21·7	24·0
Bradford*	20·0	16·6	15·8	16·9	Norwich -	24·8	20·4	15·5	28·7
Brighton -	16·7	16·3	17·1	16·7	Nottingham -	18·2	16·2	18·9	20·0
Bristol -	25·5	22·5	18·2	19·1	Oldham -	26·7	28·2	25·7	22·7
Cardiff*	31·9	33·8	24·5	23·1	Plymouth -	21·3	24·0	23·3	14·7
Derby -	21·7	15·9	12·2	20·1	Portsmouth -	21·1	20·7	15·9	14·4
Halifax -	25·1	26·4	23·8	19·3	Preston -	30·5	24·5	28·0	22·5
Huddersfield	24·2	23·6	20·2	20·2	Salford*	26·7	19·6	23·8	23·4
Hull -	18·8	11·5	14·5	14·8	Sheffield -	26·0	22·0	25·5	20·9
Leeds -	24·2	26·0	18·1	20·7	Sunderland -	22·6	21·0	20·2	19·4
Leicester*	23·9	15·6	19·8	17·7	Wolverhampton -	28·4	22·1	17·1	24·0

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·2 in Salford, in Oldham, and in Liverpool, 2·5 in Birkenhead, 3·0 in Bristol, and 5·2 in Blackburn; from *scarlet fever*, 1·1 in Salford and 2·2 in Blackburn; from *whooping-cough*, 1·3 in Nottingham, 1·7 in Norwich, 3·0 in Blackburn, 3·5 in Preston, and 3·6 in Birkenhead; and from "*fever*," 1·1 in Derby. The 57 deaths from *diphtheria* in the twenty-eight towns included 38 in London, 6 in Manchester, 5 in Salford, 3 in Nottingham, and 2 in Sheffield. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2662 BIRTHS and 1572 DEATHS were registered. Allowing for increase of population, the births were 318, and the deaths 515, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 24·9, 21·2, and 19·4 in the three preceding weeks, further declined last week to 18·8. During the first five weeks of the current quarter the death-rate averaged 21·1 per 1000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1572 deaths included 71 from measles, 11 from scarlet fever, 38 from diphtheria, 38 from whooping-cough, 10 from enteric fever, 1 from an undefined

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

form of continued fever, 13 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 182 deaths were referred to these diseases, being 70 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17. Only one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 176, 121, and 83 in the three preceding weeks, further declined last week to 71, but exceeded the corrected average by 37; 5 belonged to Islington, 4 to St. George Southwark, 7 to Lambeth, 4 to Battersea, and 10 to Camberwell sanitary areas. The 11 deaths from *scarlet fever* showed a considerable decline from recent weekly numbers, and were 23 below the corrected average; 4 belonged to Bethnal Green sanitary area. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 675 scarlet fever patients, against numbers declining in the eleven preceding weeks from 980 to 672; 65 cases were admitted during the week, against 41, 51, and 61 in the three previous weeks. The fatal cases of *diphtheria*, which had been 38 and 33 in the two preceding weeks, rose again last week to 38, and exceeded the corrected average by 19; 4 belonged to Kensington, 4 to Pancras, 2 to Islington, 2 to St. Giles, 2 to Mile End Old Town, 3 to Poplar, 4 to Lambeth, 2 to Battersea, 2 to Wandsworth, and 2 to Camberwell sanitary areas. The fatal cases of *whooping-cough*, which had been 36 and 24 in the two previous weeks, rose last week to 38, but were 76 below the corrected average; 4 belonged to Fulham, 4 to Islington, 6 to Bermondsey, and 4 to Greenwich sanitary areas. The 13 deaths attributed to *diarrhoea* and *dysentery* showed a decline of 11 from the number in the previous week, and were 2 below the corrected average.

The deaths referred to *enteric fever*, which had been 7 and 10 in the two preceding weeks, were again 10 last week, and were 6 below the corrected average; 2 belonged to Shoreditch sanitary area. The death of an adult female in Islington was indefinitely referred to "fever." The Metropolitan Asylum Hospitals contained 62 cases of enteric fever, and one of typhus on Saturday last; one case of enteric fever was admitted during the week, against 8 and 5 cases in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 652, 492, and 456 in the three preceding weeks, further declined last week to 410, and were 236 below the corrected average.

Different forms of violence caused 55 deaths; 43 were the result of negligence or accident, among which were 18 from fractures and contusions, 7 from burns and scalds, 4 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in the street; 1 by fall from scaffold; 1 by fall from bridge; 1 by fall against chair; 1 by fall from bed; 2 by fall down stairs; 5 by fall, the nature of which was not stated; 1 by injury from machinery; 1 by injury from fall of barrel; 1 by kick; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 18 cases. Twelve cases of suicide were registered, the corrected average being 6.

GREATER LONDON.

In Greater London 3532 births and 1942 deaths were registered, corresponding to annual rates of 32·7 and 18·0 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 7 from diphtheria, and 6 from whooping-cough were registered. Three fatal cases of measles and 2 of scarlet fever occurred in West Ham sub-district, and 3 of measles in Croydon sub-district; and 2 deaths from diphtheria were recorded in Tottenham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·83 ins.; the highest reading was 30·46 ins. on Sunday at noon, and the lowest 29·31 ins. at the end of the week. The mean temperature of the *air* was 43°·1, and 2°·8 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on each day of the week, except on Sunday and Saturday, when it was below the average. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 18·4 miles per hour, which was 4·3 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·22 of an inch. The duration of registered bright sunshine in the week was 13·0 hours, against 14·7 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 2nd February, 1899.

CITIES AND BOROUGHS.	Population estimated to the middle of the Year 1899.	Registered during the Week ending 2nd Feb., 1899.			The Deaths registered in the Week include													TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Deaths of Persons aged 60 Years and upwards.		Deaths from								Inquest Cases.	Deaths in Public Institutions.		Unattended (Causes of Death).	From All Causes.		From 10 to 12 Cols. 9-12.	Fahrenheit.		Mean.	Centigrade.		In Inches.	In Centi- meters.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Pneum.	Diarrhoea.	Violence.	Highbest.	Lowest.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIFTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2651	2684	2925	2775	2750	2587	2806	2800	2665	2688	2980.3	2662
Males . .	1300	1360	1467	1389	1375	1306	1414	1438	1339	1371	1500.2	1327
Females .	1351	1324	1458	1387	1375	1281	1392	1362	1326	1317	1480.1	1335
TOTAL Deaths	1821	3376	1926	2023	1643	1595	1592	1783	1485	1894	2086.9	1572
Males . .	917	1605	986	988	822	826	812	877	734	953	1038.6	796
Females .	904	1771	940	1035	821	769	780	906	751	936	1048.3	776

* The numbers in this column are the average weekly numbers in the fifth weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.
TOTAL Births	2770	2606	2722	2367	2644	2291	2655	1876	2855	2668	2837	2599	2662
TOTAL Deaths	1520	1619	1409	1352	1461	1455	1802	1641	1784	2075	1769	1620	1572
Ages at Death													
0-20 years	769	825	724	701	765	720	838	779	825	850	776	709	715
20-40 "	186	179	167	164	177	178	197	173	204	218	197	162	158
40-60 "	227	284	212	217	243	247	286	277	308	333	288	280	270
60-80 "	288	260	257	223	228	251	356	335	366	506	423	394	339
at 80 years & upwds.	50	71	49	47	48	59	75	77	81	118	80	75	90
"													
Under 1 year	400	377	342	327	375	307	390	345	372	373	373	325	370
1-5 "	281	332	292	288	296	314	373	341	338	370	315	281	250
5-20 "	88	116	90	86	94	99	125	93	115	107	88	103	95
Deaths from Small-pox	109	124	133	141	139	154	184	147	143	176	121	83	71
" " Measles	18	31	20	24	30	17	25	20	12	17	19	20	11
" " Diphtheria	34	44	41	34	35	39	39	34	33	21	38	33	38
" " Whooping-cough	15	17	19	20	13	14	25	28	32	37	36	24	38
" " Typhus	-	-	1	-	1	-	-	-	-	-	-	-	-
" " Enteric fever	14	15	15	11	12	18	12	8	14	10	7	10	10
" " Simple Contag. fever	-	-	1	1	-	-	-	-	1	1	-	1	1
" " Diarrhoea and Dysentery	18	16	18	13	19	11	16	14	11	12	11	24	13
" " Cholera	-	-	-	1	-	-	-	-	-	1	-	-	-
" " all the above-mentioned Diseases	208	247	248	245	249	253	301	251	246	275	232	195	182
" " Dis. of Respiratory System	373	374	287	258	277	330	440	412	484	652	492	456	410
" " Phthisis	126	152	132	136	144	160	153	152	154	187	136	152	138
" " Dis. of Circulatory System	133	108	105	96	101	109	127	130	160	195	155	141	142
Violent Deaths	50	60	43	54	62	40	81	52	61	58	63	50	55
Inquest Cases	110	117	105	103	120	86	154	107	132	143	121	102	104
Deaths in Public Institutions	346	371	311	311	302	353	395	335	360	398	386	401	382
TEMPERATURE OF THE AIR													
Mean	42.1	50.5	49.0	45.7	49.1	38.3	40.4	42.5	31.8	35.3	37.8	38.5	43.1
Mean of Highest readings	47.0	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4
Mean of Lowest readings	37.7	45.2	44.9	41.6	43.6	27.9	36.0	36.6	27.1	30.9	34.0	33.6	36.5
Humidity of the Air	86	89	81	89	87	93	94	90	93	93	87	93	88
Rain-fall in inches	0.20	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00	0.49	0.62	0.15	0.22
Registered Sunshine (in hours)	12.5	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIndashborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. V. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTH Week of the Year 1899.

CAUSES OF DEATH.	Corrected Averages for the 5th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 2nd February 1899.										Corrected Averages for the 5th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	ALL AGES.	In the Week ending Saturday, 2nd February 1899.									
		Deaths of Persons of the Ages													Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-6.	6-20.						0-1.								1-6.	6-20.				
ALL CAUSES -	2083.9	1572	370	250	95	158	270	339	90	Diseases of Organs of Special Sense † -	1.8	4	1	1	-	-	1	1	-					
Small-pox { Vaccinated † -	16.9	-	-	-	-	-	-	-	-	Diseases of Circulatory System -	143.9	112	1	1	11	18	49	53	9					
Unvaccinated -		-	-	-	-	-	-	-	-	Croup -	14.9	7	-	6	1	-	-	-	-					
No Statement -	34.1	71	12	55	2	1	-	-	-	Bronchitis -	438.3	273	67	39	3	4	35	92	31					
Measles -	33.7	11	-	9	2	-	-	-	-	Pneumonia -	130.0	85	21	18	6	9	14	15	2					
Scarlet Fever -	1.3	-	-	-	-	-	-	-	-	Pleurisy -	5.9	4	-	2	-	-	1	1	-					
Typhus -	0.2	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	53.8	33	3	4	-	1	15	9	4					
Relapsing Fever † -	0.2	1	-	-	-	-	-	1	-	Dentition † -	14.9	11	6	5	-	-	-	-	-					
Influenza -	113.9	38	17	20	1	-	-	-	-	Quinsy, Sore Throat † -	3.2	-	-	-	-	-	-	-	-					
Whooping-cough -	18.6	39	3	19	14	2	-	-	-	Enteritis -	6.9	7	2	1	-	1	1	2	-					
Diphtheria -	1.9	1	-	-	-	1	-	-	-	Peritonitis -	8.2	9	1	-	-	7	1	-	-					
Simple Continued and Ill-defined Fever -	15.8	10	-	-	5	3	2	-	-	Diseases of Liver -	28.9	21	2	-	-	1	10	8	-					
Enteric Fever -	0.2	-	-	-	-	-	-	-	-	Other Diseases of Digestive System -	30.7	26	4	-	2	3	7	10	-					
Cholera -	15.4	13	8	1	-	-	-	3	1	Diseases of Lymphatic System & of Ductless Glands † -	1.8	3	-	-	1	-	1	1	-					
Diarrhoea, Dysentery -	0.5	-	-	-	-	-	-	-	-	Diseases of Urinary System -	42.2	33	2	1	2	7	4	13	4					
Remittent Fever -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System -	5.9	5	-	-	-	4	1	-	-					
Hydrophobia -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.6	2	-	-	-	2	-	-	-					
Glanders -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † -	7.9	6	-	1	2	3	-	-	-					
Cowpox and Effects of Vaccination † -	0.0	-	-	-	-	-	-	-	-	Diseases of Integumentary System -	6.7	3	1	-	-	-	1	1	-					
Veneral Affections -	11.3	11	5	3	-	2	1	-	-	VIOLENT DEATHS. ‡														
Erysipelas -	5.2	4	3	-	-	-	1	-	-	ACCIDENT.)														
Pyæmia and Septicæmia † -	3.5	5	2	-	1	1	1	-	-	Fracture and Contusion -	22.8	18	-	-	3	2	3	9	1					
Puerperal Fever -	8.1	3	-	-	3	-	-	-	-	Gunshot Wound -	0.1	-	-	-	-	-	-	-	-					
Other Zymotic Diseases † -	1.7	2	1	1	-	-	-	-	-	Cut, Stab -	0.2	-	-	-	-	-	-	-	-					
Thrush -	1.9	2	2	-	-	-	-	-	-	Burn and Scald -	9.4	7	-	5	1	-	1	-	-					
Worms and other Parasitical Diseases -	0.8	-	-	-	-	-	-	-	-	Poison -	1.1	2	-	-	-	2	-	-	-					
Starvation, Want of Breast-milk † -	1.7	1	1	-	-	-	-	-	-	Drowning -	5.2	4	1	-	2	1	-	-	-					
Alcoholism -	3.6	6	-	-	2	3	1	-	-	Suffocation -	15.5	11	10	1	-	-	-	-	-					
Rheumatic Fever, Rheumatism of Heart † -	11.3	10	-	-	4	4	2	-	-	Otherwise -	2.8	1	1	-	-	-	-	-	-					
Rheumatism † -	3.8	1	-	-	1	-	-	-	-	(HOMICIDE.)														
Gout -	5.8	3	-	-	1	-	2	-	-	Murder & Manslaughter -	2.7	-	-	-	-	-	-	-	-					
Rickets † -	2.0	2	2	-	-	-	-	-	-	(SUICIDE.)														
Cancer -	52.3	49	-	-	1	5	25	17	1	Gunshot Wound -	1.1	-	-	-	-	-	2	1	-					
Tabes Mesenterica -	22.6	21	18	5	1	-	-	-	-	Cut, Stab -	1.6	3	-	-	-	-	-	-	-					
Tubercular Meningitis -	27.4	33	8	17	9	-	-	-	-	Poison -	1.2	1	-	-	-	1	-	-	-					
Phthisis -	195.9	138	-	4	14	61	49	10	-	Drowning -	0.9	1	-	-	-	-	1	-	-					
Serofula, Tuberculosis -	13.4	15	7	5	-	1	-	2	-	Hanging -	1.0	4	-	-	-	1	1	2	-					
Other Constitutional Diseases † -	10.0	4	1	-	-	2	-	1	-	Otherwise -	0.4	3	-	-	1	2	-	-	-					
Premature Birth -	38.3	51	51	-	-	-	-	-	-	(EXECUTION.)														
Atelectasis † -	2.6	1	1	-	-	-	-	-	-	Hanging -	0.0	-	-	-	-	-	-	-	-					
Congenital Malformations -	8.7	9	9	-	-	-	-	-	-	OTHER CAUSES † -	69.2	45	42	2	-	-	1	-	-					
Old Age -	78.1	62	-	-	-	-	-	31	81															
Apoplexy -	49.4	43	1	1	-	2	15	22	2															
Epilepsy -	8.0	7	-	-	2	1	2	2	-															
Convulsions -	57.6	43	39	7	-	-	-	-	-															
Other Diseases of Brain and Nervous System -	110.7	75	14	15	5	3	13	21	4															

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1892-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 3. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total BIRTHS.	The DEATHS registered in the Week include														
			Total DEATHS.	Deaths of			Deaths from										Inquest Cases.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euterie (or Typhoid) Fever.	Simple continued Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
LONDON	3,815,704	2662	1572	370	429	-	71	11	33	33	-	10	1	13	55	104	332
West Districts	693,688	400	283	74	75	-	8	1	6	8	-	2	-	9	10	21	83
North Districts	905,947	578	336	69	104	-	10	5	7	7	-	2	1	3	11	22	83
Central Districts	282,238	173	134	22	39	-	9	-	4	1	-	2	-	1	6	10	37
East Districts	692,738	516	285	70	67	-	9	1	6	3	-	3	-	2	9	25	84
South Districts	1,265,148	985	633	135	144	-	85	3	15	19	-	1	-	4	19	23	94
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1
WEST DISTRICTS.																	
St. Mary Paddington WHH G.J. & W.M.	69888	49	31	11	8	-	-	-	-	-	-	-	-	1	-	1	6
St. John Paddington H - - G.J.	87390	9	11	-	2	-	-	-	-	-	-	-	-	-	1	1	7
Kensington Town W - - W.M.	120141	67	43	11	13	-	1	-	4	-	-	-	-	1	2	3	10
Brompton H - - W.M. & C.	43010	13	6	-	4	-	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith - - W.M.	7599	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.	64340	42	26	8	6	-	2	-	-	-	-	1	-	-	2	2	2
Fulham W - - W.M. & C.	42900	58	31	12	9	-	-	1	-	4	-	-	-	-	2	4	12
Chelsea South HHH - - C.	6896	24	11	2	4	-	-	-	1	-	-	-	-	-	-	-	3
Chelsea North-west WHHHHH - C.	24925	18	33	6	10	-	-	-	1	-	-	1	-	-	1	8	17
Chelsea North-east - - C.	32807	32	9	4	1	-	-	-	-	1	-	-	-	-	-	-	-
May Fair WW - - G.J.	80353	12	16	2	7	-	-	-	-	-	-	-	-	-	-	-	9
Belgrave WHHH - - C.	59220	23	24	5	3	-	3	-	-	-	-	-	-	1	2	3	9
St. John Westminster HHH - C.	35496	28	11	6	2	-	-	-	2	-	-	-	-	-	1	2	-
St. Margaret Westminster H - C.	24679	7	11	3	1	-	-	-	1	-	-	-	-	-	-	5	-
St. James Westminster WHH N.R. & G.J.	29941	8	9	3	5	-	-	-	-	-	-	-	-	-	-	2	-
St. Anne Soho HHHHHHH - N.R.	16693	6	6	1	-	-	1	-	-	-	-	-	-	-	1	1	-
NORTH DISTRICTS.																	
All Souls Marylebone HHHH - W.M.	26759	11	15	3	3	-	-	-	1	-	-	-	-	-	1	1	7
Gayendish Square HHHH - W.M.	14391	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.	24809	19	6	-	5	-	-	-	-	-	-	-	-	-	-	-	3
St. Mary Marylebone HHH G.J. & W.M.	21118	22	5	2	2	-	-	-	1	-	-	-	-	-	-	-	2
Christchurch Marylebone HH - W.M.	33700	29	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H - W.M.	33638	15	9	2	4	-	-	-	-	-	-	-	-	1	-	-	-
Hampstead WWHHHH N.R. & W.M.	45452	16	11	-	3	-	-	-	-	-	1	-	-	-	3	8	4
Regent's Park Pancras H - W.M.	39115	14	10	3	3	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court WHHHH N.R. & W.M.	27729	11	19	3	2	-	-	-	-	-	-	-	-	-	2	4	16
Gray's Inn Lane HHH - N.R.	30247	16	12	1	2	-	1	-	1	-	-	-	-	-	1	1	3
Somers Town H - - N.R.	34389	25	11	1	3	-	-	-	-	-	-	-	-	-	1	2	4
Camden Town WH - - N.R.	17811	16	20	1	12	-	-	-	-	-	-	-	-	-	2	3	14
Kentish Town W - - N.R.	37437	62	57	12	2	-	1	-	1	3	-	1	-	-	2	5	-
Upper Holloway WWH - - N.R.	67946	61	43	6	19	-	3	-	-	3	-	-	-	-	1	11	-
Islington South-west HH - N.R.	100976	71	56	6	13	-	1	-	1	1	-	-	1	-	-	2	-
Islington South-east - - N.R.	61335	39	19	6	5	-	-	-	-	-	-	1	-	-	-	-	-
Highbury H - - N.R.	32048	20	14	2	5	-	1	-	1	-	-	-	-	-	-	-	-
Stoke Newington H - - N.R.	22781	10	11	2	4	-	1	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - E.L.	9277	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.	37610	28	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Hackney WWHH - - E.L. & N.R.	76911	61	40	7	10	-	1	5	-	-	-	-	-	-	1	2	15
South Hackney - - E.L.	39333	26	11	5	2	-	1	-	-	-	-	-	-	-	-	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	16681	4	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.R.	14364	26	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - N.R.	13837	3	6	3	1	-	1	-	-	-	-	-	-	1	-	-	3
St. Martin-in-the-Fields HH N.R. & C.	17208	8	9	-	2	-	-	-	-	1	-	-	-	-	-	1	2
St. Mary-le-Strand H - - N.R.	7315	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - N.R.	8559	7	11	1	3	-	-	-	3	-	-	-	-	-	-	1	5
Strand Union Workhouse, Edmonton w.	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3
St. Geo.-the-Martyr HHHHHH N.R.	18671	8	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - N.R.	10706	9	7	2	3	-	-	-	-	-	-	-	-	-	-	-	3
Saffron Hill H - - N.R.	6533	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
St. James Clerkenwell - - N.R.	17516	14	3	-	2	-	1	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - N.R.	19281	16	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - N.R.	14773	5	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Goodwell-street - - N.R.	17508	14	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - N.R.	11541	14	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-
City-road HHL - - N.R.	18628	20	10	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - N.R.	9317	6	3	2	1	-	-	-	-	-	1	-	-	-	1	1	-
Finsbury - - N.R.	7463	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitham w.	-	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2
St. Botolph H - - N.R. & E.L.	11174	5	4	-	3	-	-	-	-	-	-	-	-	-	1	1	-
Cripplegate - - N.R.	7193	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - N.R.	3533	-	18	-	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - - N.R.	8396	4	3	-	-	-	-	-	1	-	-	1	-	-	4	4	17
Allhallows Barking - - N.R.	13666	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.	5652	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; W—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, the 2nd February, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of														Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																				
Polywell Shoreditch	N.R. & E.L.	7376	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Leonard Shoreditch	HL*	14967	14	7	2	2	-	-	-	1	-	-	-	-	-	-	-	2		
Hoxton New Town	-	29937	85	14	4	4	-	2	-	1	-	-	-	-	-	-	-	6		
Hoxton Old Town	-	28036	17	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Aggerston WH	N.R. & E.L.	46275	25	17	4	3	-	1	-	-	-	1	-	1	1	1	1	7		
Jackney-road H	-	29738	22	50	5	8	-	-	-	-	-	-	-	-	-	-	4	-		
Green, Bethnal Green	WHL*	47933	49	19	3	3	-	-	-	-	-	-	-	-	-	-	1	-		
Church, Bethnal Green	-	29681	27	9	1	2	-	2	1	-	-	-	-	-	-	-	-	8		
Town, Bethnal Green	-	18810	14	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hopitalfields	E.L. & N.R.	22585	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Mile End New Town	W	18473	10	13	1	4	-	1	-	-	-	-	-	-	-	-	-	11		
Whitechapel Church	H	17490	12	25	4	5	-	-	-	-	-	2	-	-	5	7	-	17		
Woodman's Fields	-	3713	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Adgate	N.R. & E.L.	6102	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. George's, North	-	38747	22	8	4	-	-	-	-	-	-	-	-	-	2	3	-	-		
St. John, St. George East	W	8410	7	7	-	5	-	-	-	-	-	-	-	-	-	-	5	-		
Shadwell HH	E.L. & N.R.	10993	8	8	4	1	-	-	-	2	1	-	-	-	-	-	-	4		
Ratcliff	-	16107	9	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Timehouse	-	32041	31	10	2	1	-	-	-	-	-	-	-	1	-	-	-	-		
Mile End Old Town West	-	37960	58	13	4	6	-	-	1	-	-	-	-	-	-	1	-	-		
Mile End Old Town East	WHL & E.L.	37653	48	23	6	4	-	1	-	-	-	-	-	-	-	1	7	1		
Bow	-	37074	24	10	3	3	-	-	-	-	1	-	-	-	-	-	1	-		
Bromley WH	-	64359	46	83	10	6	-	-	-	-	-	-	-	-	1	5	12	-		
Poplar WH	-	55077	41	24	7	5	-	2	-	2	-	-	-	-	-	2	4	-		
SOUTH DISTRICTS.																				
Christchurch Southwark	WH	13663	12	8	2	3	-	-	-	-	-	-	-	-	-	-	-	1		
St. Saviour Southwark	-	14999	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Kent-road	S. & L.	21831	7	10	2	1	-	2	-	-	-	-	-	-	1	-	4	-		
Borough-road	WH	12853	21	12	4	2	-	1	-	-	-	-	-	-	-	-	1	-		
London-road	HL	21318	13	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Trinity Newington	-	26672	17	19	9	1	-	1	-	2	-	-	-	-	-	-	-	-		
St. Peter Walworth	W	59555	40	24	4	11	-	1	-	1	1	-	-	-	-	-	-	1		
St. Mary Newington	-	21623	18	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Olave	WH	11956	13	13	3	3	-	-	-	1	-	-	-	-	-	2	2	11		
Leather Market	-	16300	11	6	1	2	-	1	-	1	-	-	-	-	-	-	-	-		
St. Mary Magdalen	W	16669	6	10	2	4	-	2	-	1	-	-	-	-	1	1	2	-		
St. James Bermondsey	-	54683	23	19	8	5	-	-	1	3	-	-	-	-	-	-	-	1		
Rotherhithe WH	-	36024	26	11	3	3	-	1	-	-	-	-	-	-	-	1	2	-		
Waterloo-road 1st	H	16195	15	8	3	-	-	2	-	-	-	-	-	-	-	-	-	-		
Waterloo-road 2nd	H	16321	29	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lambeth Church 1st	H	16876	16	16	3	3	-	1	-	3	-	-	-	-	2	2	9	-		
Lambeth Church 2nd	WH	39859	38	27	8	10	-	1	-	-	-	-	-	-	2	3	10	1		
Kennington 1st	-	45232	34	19	6	5	-	2	-	1	-	-	-	-	1	1	-	1		
Kennington 2nd	-	36332	28	19	5	4	-	-	1	2	1	-	-	-	1	1	-	1		
Brixton WH	-	62887	36	25	7	9	-	2	-	1	-	-	-	-	-	-	-	-		
Norwood W	-	19017	7	6	-	3	-	-	-	-	-	-	-	-	2	2	1	-		
East Battersea	-	54675	48	15	7	2	-	2	-	-	-	-	-	-	-	-	-	-		
West Battersea	WH	52387	55	24	5	8	-	2	-	-	-	-	-	-	-	-	9	-		
Clapham H	-	36830	19	13	3	2	-	1	-	1	1	-	-	-	1	-	-	-		
Wandsworth	WHL	28004	39	9	4	3	-	-	-	-	-	-	-	-	-	-	2	-		
Putney	-	13235	6	3	1	2	-	-	-	-	-	-	-	-	-	-	-	2		
Streatham	-	25553	10	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Dulwich	-	5590	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell	WHL & L	59104	61	29	6	14	-	3	-	2	1	-	-	-	-	-	18	1		
Peckham W	S., L. & K.	71089	49	26	3	8	-	3	-	-	-	-	-	-	2	-	1	2		
St. George Camberwell	-	40810	47	21	8	4	-	4	-	-	1	-	-	-	1	-	-	-		
St. Paul Deptford	WH	76732	61	22	7	2	-	-	1	1	2	-	-	-	-	-	1	1		
St. Nicholas Deptford	-	7301	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich West	H	21972	10	6	-	3	-	-	1	-	-	-	-	-	-	-	-	-		
Greenwich East	WH	24608	26	21	4	8	-	-	-	2	-	-	-	-	2	2	13	1		
Eltham H	-	5048	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lee H	-	21569	8	6	2	1	-	2	-	-	-	-	-	-	-	-	-	1		
Lewisham	WH	18865	28	9	1	5	-	-	-	-	-	-	-	-	1	-	2	-		
Sydenham H	-	36076	22	11	4	-	-	-	-	1	1	-	-	-	-	1	1	-		
Charlton H	-	10930	8	3	-	-	-	-	-	-	-	-	-	-	-	1	1	1		
Woolwich Dockyard	-	17617	12	10	1	4	-	-	-	-	-	-	-	-	-	1	2	1		
Woolwich Arsenal	HH	19045	12	11	2	3	-	-	-	1	-	-	-	-	2	-	-	-		
Plumstead, West	H	14069	11	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-		
Plumstead, East	W	19241	36	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Metropolitan Asylum Hospitals:																				
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Winchmore Hill	W	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1		
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

The following Workhouses and Asylums are situated in other Districts than the one in which they stand, and are indicated in the above table by W:-

Marylebone Infirmary in Kennington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum in West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd February, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of De th.
LONDON—OUTER RING		370,924	950,957	870	370	99	116	-	12	2	7	6	2	5	7	14	42	3
30: 1	Carshalton wL -	12228	21118	11	9	4	3	-	-	-	-	-	-	1	-	-	-	1
2	Epsom (part of)* wuH	9971	10710	11	8	3	1	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (part of)* -	2754	1935	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
38: 1	Croydon WuHLL -	20651	101241	74	32	4	14	-	3	-	1	-	-	-	1	1	6	-
2	Mitcham w † -	11697	17932	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-
39: 1	Wimbledon HHH -	3220	16950	15	8	2	2	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WHH -	8549	38354	21	12	3	4	-	-	-	1	-	-	-	-	-	5	-
3	Esher (part of)* -	6601	9221	7	4	2	2	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H -	4573	18539	5	3	1	1	-	-	-	1	-	-	-	-	-	-	-
40: 1	Richmond WH -	2272	21802	13	10	3	3	-	-	-	-	-	-	-	-	1	2	-
2	Mortlake -	2941	12331	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* HH	16669	31142	25	6	1	3	-	1	-	-	-	-	-	-	-	-	-
2	Chislehurst (pt. of)* WHH	14307	15844	10	10	2	2	-	1	-	-	-	-	-	-	-	4	-
42: 1	Bexley H -	18437	24184	18	15	1	10	-	-	-	-	-	-	-	1	1	-	-
2	Dartford (Ww, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w -	11055	11635	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines W -	13277	12089	8	9	5	3	-	-	-	-	1	-	-	-	-	-	-
125: 1	Hillingdon WHH -	6029	10302	7	5	-	2	-	-	-	-	-	-	-	-	-	1	-
2	Uxbridge -	6178	3225	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL -	14587	11523	11	7	-	2	-	-	-	-	-	-	-	-	-	2	-
126: 1	Isleworth WHH -	7008	22727	24	3	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Twickenham H -	2477	12479	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL -	4345	27649	26	10	4	5	-	-	-	-	-	-	-	-	-	-	-
4	Chiswick -	1340	16975	10	4	-	-	-	-	-	-	-	-	-	-	1	-	-
5	Acton wH -	6063	22376	34	9	7	2	-	-	-	-	2	-	1	-	1	-	-
127: 1	Harrow H -	13809	12796	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H -	6994	3749	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Willersden -	4383	27453	89	10	5	2	-	-	-	-	-	-	-	-	-	-	-
4	Hendon W -	8332	10484	16	2	1	1	-	-	-	-	-	-	-	-	-	-	-
127: 1	Bushey -	9331	6621	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms -	15399	6391	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5433	10092	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley HL -	4638	17615	19	7	1	2	-	-	-	-	-	-	-	-	-	4	-
135: 1	Hatfield (part of)* -	3306	333	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey H -	3039	37078	25	15	3	4	-	2	-	1	-	-	-	-	1	-	-
2	Tottenham H -	4642	48456	56	25	7	6	-	1	-	2	-	1	-	3	4	2	-
3	Edmonton Wu † -	7453	23433	23	14	1	6	-	-	-	-	-	-	-	-	-	4	1
4	Enfield WH -	12653	19194	17	11	2	5	-	1	-	-	-	-	-	-	-	2	-
5	Waltham Abbey -	11017	5383	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8490	7735	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-
136: 1	Stratford -	882	38606	27	13	7	2	-	-	-	-	2	-	-	-	-	-	-
2	West Ham wuwuHs -	7351	101033	150	47	16	9	-	3	2	-	1	-	2	1	2	-	-
3	Leyton WuL -	4372	32430	37	20	2	6	-	-	-	-	-	-	1	-	-	10	-
4	Walthamstow H -	6590	28869	35	12	6	2	-	-	-	1	-	-	-	-	-	-	1
137: 1	Chigwell (part of)* H	11761	9639	4	6	1	3	-	-	-	-	-	-	-	1	1	-	-
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Romford (part of)* W	6730	3411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	3193	7845	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4227	9203	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow.—
 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37: 1, the parishes of Warringtonham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1819); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Thevdon Bois (pop. 475); 139: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchester Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd February, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	18.0	2.0	1942	469	545	-	83	13	45	44	13	18	62	424		
INNER LONDON	77,410	4,351,738	18.8	2.2	1572	370	429	-	71	11	38	38	11	13	55	382		
OUTER RING	370,924	1,290,277	15.0	1.4	370	99	116	-	12	2	7	6	2	5	7	42		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,539,824 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.								
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.		
DALOUTTA	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-	-
BOMBAY	773,196	January 8	300	484	27.9	5	8	?	?	?	151	78†	-	-
MADRAS	398,777	December 21	-	-	-	-	-	-	-	-	-	-	-	-
PARIS	2,260,945	January 26	1163	1040	23.9	5	49	4	43*	13	14	48	-	-
BRUSSELS (with 8 Faubourgs.)	462,069	" 26	379	201	22.6	-	7	-	-	4	1	13	-	-
AMSTERDAM	390,016	" 26	251	207	26.9	-	18	-	3	6	2	-	-	-
ROTTERDAM	197,723	" 26	144	109	28.5	-	-	-	-	8	-	1	-	-
THE HAGUE	153,440	" 26	109	57	19.3	-	1	-	-	-	-	-	-	-
COPENHAGEN	307,000	" 19	212	95	16.1	-	-	3	2	3	-	5	-	-
STOCKHOLM	221,549	" 19	134	86	20.2	-	-	3	5*	1	-	7	-	-
CHRISTIANIA	135,600	" 26	62	56	21.5	-	-	1	5	-	-	-	-	-
ST. PETERSBURG	842,883	" 19	-	500	34.7	-	-	10	10	4	19	83	-	-
BERLIN	1,470,582	" 12	1001	600	21.3	-	17	4	20	10	3	30	-	-
HAMBURG (State)	550,694	" 19	376	240	24.5	-	-	1	15*	3	3	15	-	-
DRESDEN	264,196	" 19	149	100	19.7	-	-	-	8*	-	-	5	-	-
BRISLAU	313,451	" 26	226	135	22.6	-	1	-	8	-	-	5	-	-
MUNICH	281,000	" 19	216	173	32.0	-	15	4	21*	2	-	17	-	-
VIENNA	311,434	" 19	519	377	24.2	-	4	5	7	-	4	30	-	-
PRAGUE	300,828	" 19	-	176	30.5	11	2	1	8	1	3	5	-	-
BUDA-PESTH	452,907	" 19	306	242	27.8	-	-	3	2	-	5	20	-	-
TRIESTE	168,084	" 19	-	99	32.6	3	-	-	6*	-	1	1	-	-
ROME	462,233	December 8	235	185	24.0	4	8	1	3	-	8†	10	-	-
FURIN (11 days)	294,826	" 31	242	247	27.8	3	5	1	7	-	3	19	-	-
VENICE	163,218	January 12	103	76	25.9	-	-	-	2*	-	-	6	-	-
CAIRO	374,538	" 10	464	370	52.8	-	-	-	3*	5	21	106	-	-
ALEXANDRIA	231,396	" 10	235	215	48.5	1	-	-	1	1	10	52	-	-
NEW YORK	1,548,623	" 12	-	739	24.9	-	24	49	54	9	4	12	-	-
BROOKLYN	814,505	" 12	-	341	22.0	-	5	9	29	4	1	-	-	-
PHILADELPHIA	1,040,245	" 12	-	360	18.1	-	-	9	2	1	10	1	-	-
BALTIMORE	500,343	" 12	-	149	15.5	-	-	1	3	2	2	3	-	-

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 33 from Cholera.

‡ Including 4 deaths from Malarial Fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2ND FEBRUARY, 1893.

[*From the Summary of the Astronomer Royal.*]

[illegible]

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 6. 1889. VOL. L.] WEEK ENDING SATURDAY, FEBRUARY 9. [Price 1½d.

General Register Office, Somerset House,
11th February, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·1 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.		Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.
Birkenhead	18·3	19·3	30·5	20·9	Liverpool -	27·5	24·9	20·9	23·8
Birmingham	21·9	24·9	18·7	18·7	London -	21·2	19·4	18·8	17·5
Blackburn -	34·9	27·1	33·6	32·3	Manchester -	26·9	26·9	25·5	26·4
Bolton -	20·5	19·6	20·0	20·0	Newcastle-on-Tyne*	20·4	21·7	24·0	24·0
Bradford*	16·6	15·8	16·9	17·1	Norwich -	20·4	15·5	28·7	16·0
Brighton -	16·3	17·1	16·7	11·1	Nottingham -	16·2	18·9	20·0	17·6
Bristol -	22·5	18·2	19·1	19·1	Oldham -	28·2	25·7	22·7	23·1
Cardiff*	33·8	24·5	23·1	20·8	Plymouth -	24·0	23·3	14·7	28·0
Derby -	15·9	12·2	20·1	21·2	Portsmouth -	20·7	15·9	14·4	14·0
Halifax -	26·4	23·8	19·3	20·6	Preston -	24·5	28·0	22·5	26·0
Huddersfield	23·6	20·2	20·2	18·0	Salford*	19·6	23·8	23·4	20·5
Hull -	11·5	14·5	14·8	15·3	Sheffield -	22·0	25·5	20·9	22·5
Leeds -	26·0	18·1	20·7	16·3	Sunderland -	21·0	20·2	19·4	17·9
Leicester*	15·6	19·8	17·7	13·2	Wolverhampton -	22·1	17·1	24·0	22·1

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·0 in Birkenhead, 2·4 in Sheffield, 2·5 in Bristol, 2·8 in Huddersfield, 3·1 in Salford, 4·0 in Oldham, and 4·7 in Blackburn; from *scarlet fever*, 1·0 in Newcastle-upon-Tyne, 1·1 in Salford, and 1·7 in Blackburn; and from *whooping-cough*, 1·2 in Leeds, 1·3 in Brighton, 1·5 in Nottingham, and 2·0 in Birkenhead and in Preston. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 51 deaths from *diphtheria* in these towns included 24 in London, 9 in Manchester, 2 in Salford, 2 in Preston, 2 in Plymouth, 2 in Bristol, and 2 in Sunderland. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2772 BIRTHS and 1460 DEATHS were registered. Allowing for increase of population, the births were 258, and the deaths 557, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the four preceding weeks from 24·9 to 18·8, further fell last week to 17·5. During the first six weeks of the current quarter the death-rate averaged 20·5 per 1000, and was 3·5 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1460 deaths included 56 from measles, 12 from scarlet fever, 24 from diphtheria, 33 from whooping-cough, 5 from enteric fever, 18 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 148 deaths were referred to these diseases, being 87 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 15. Only one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had declined in the four preceding weeks from 176 to 71, further fell last week to 56, but exceeded the corrected average by 30; 7 belonged to Islington, 5 to Hackney, 10 to Lambeth, and 7 to Camberwell sanitary areas. The 12 deaths from *scarlet fever* exceeded the number in the previous week by one, but were 19 below the corrected average; 3 belonged to Bethnal Green sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 663 scarlet fever patients, against numbers ranging in the twelve preceding weeks from 980 to 672; 52 cases were admitted during the week, against numbers increasing in the four previous weeks from 41 to 65. The fatal cases of *diphtheria*, which had been 38, 33, and 38 in the three preceding weeks, declined last week to 24, but exceeded the corrected average by 4; 3 belonged to Kensington, 6 to Lambeth (including 2 at 181, Camberwell New Road), and 2 to Battersea sanitary areas. The fatal cases of *whooping-cough*, which had been 24 and 38 in the two previous weeks, declined again last week to 33, and were 78 below the corrected average; 6 belonged to Fulham, 2 to Strand, 3 to Bermondsey, 4 to Camberwell, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 24 and 13 in the two previous weeks, rose again last week to 18, and exceeded the corrected average by 3.

The deaths referred to *enteric fever*, which had been 10 in each of the two previous weeks, declined last week to 5, and were 10 below the corrected average. The Metropolitan Asylum Hospitals contained 62 cases of enteric fever, and one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 8, 5, and 1 in the three preceding weeks.

The death of a general servant, aged 19 years, from hydrophobia due to the bite of a dog on 2nd of January last, occurred in the Middlesex Hospital on 4th instant.

The deaths referred to diseases of the respiratory organs, which had declined in the four preceding weeks from 652 to 409, further declined last week to 340, and were 273 below the corrected average.

Different forms of violence caused 49 deaths; 37 were the result of negligence or accident, among which were 13 from fractures and contusions, 7 from burns and scalds, 1 from drowning, 2 from poison, and 14 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—4 (1 intoxicated) by accidents from horses and vehicles in the street; 1 by fall in street; 1 injured by bag of sugar; 1 by blow on head; 1 by fall across bar of tan-pits; 2 (1 intoxicated) by fall down stairs; 2 by fall the nature of which was not stated; and 1 by fracture the cause of which was not stated. An inquest was held in each of these 13 cases except the last. Ten cases of suicide were registered, the corrected average being 6.

GREATER LONDON.

In Greater London 3566 births and 1837 deaths were registered, corresponding to annual rates of 33·0 and 17·0 per 1000 of the estimated population. In the Outer Ring 18 deaths from measles, 8 from whooping-cough, and 5 from diphtheria were registered. Of the 18 fatal cases of measles, 6 occurred in Croydon, 2 in Edmonton, 2 in West Ham, and 2 in Chigwell sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during January will be found on pages 55-56.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·56 ins.; the highest reading was 30·10 ins. on Tuesday morning, and the lowest 28·95 ins. on Sunday evening. The mean temperature of the *air* was 35°·6, and 4°·7 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed a slight excess on Wednesday, but was below the average on each of the other days of the week; the coldest days

were Monday, Tuesday, and Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 20·2 miles per hour, which was 6·1 miles above the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·80 of an inch. The duration of registered bright sunshine in the week was 7·4 hours, against 13·6 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JANUARY 1889; according to their returns 156,769,477 gallons or 712,276 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 210 gallons (95·4 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 26·9 gallons (12·2 decalitres) to each person, against 27·2 gallons during January 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	JANUARY. 1888.	JANUARY. 1889.	JANUARY. 1888.	JANUARY. 1889.
TOTAL SUPPLY	733,734	747,067	155,792,993	156,769,477
From Thames	353,559	359,910	77,351,638	76,854,783
From Lea and from other Sources	80,175	387,157	78,441,265	79,914,694
THAMES.				
Chelsea	34,435	34,806	9,331,642	8,814,086
West Middlesex	69,959	71,695	13,962,116	14,087,905
Southwark and Vauxhall	108,801	110,183	22,928,074	21,204,798
Grand Junction	53,837	55,138	15,131,906	16,456,594
Lambeth	86,527	88,388	15,997,000	16,291,400
LEA AND OTHER SOURCES.				
New River	149,579	151,933	28,044,000	29,057,009
East London	160,357	163,636	39,299,516	39,569,152
Kent	70,239	71,588	11,093,749	11,285,542

Note.—The Return for January 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,333 houses, and of 976,574 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JANUARY.

*Water-analysis Laboratory, The Yews, Reigate,
31st January, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of January.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of the water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·5, Colne Valley 1·3, New River 1·5, Tottenham 1·6, East London 3·0, Lambeth 4·2, Southwark 5·0, Chelsea and West Middlesex 5·1, and Grand Junction, 5·2.

The Thames water sent out by the Chelsea, Southwark, and Grand Junction Companies again contained an increased quantity of organic matter even beyond the somewhat large proportion present in the December samples. The Lambeth Company's water, however, exhibited an improvement in this respect, whilst the abnormally large amount found in the West Middlesex Company's water last month has been markedly reduced. The foul condition of the river has taxed the filters of the Companies to the utmost; nevertheless the Chelsea, West Middlesex, and Lambeth Companies delivered water which was clear and transparent; but the Southwark Company's water was slightly turbid and opalescent, and that delivered by the Grand Junction Company turbid and opalescent. The organic matter in the Thames waters was less nitrogenous than in December.

The water chiefly derived from the River Lea, and delivered by the New River and East London Companies, had greatly improved in quality since December, and contained a much smaller amount of organic matter than any of the Thames derived waters. It was efficiently filtered by both Companies, and the New River Company's supply was, in respect of organic purity, about equal to some of the deep well waters.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained, as usual, but a very small proportion of organic matter. The Colne Valley Company's water was softened by treatment with lime before delivery, and was thus rendered suitable for all domestic purposes.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and New River, clear and colourless; Tottenham, colourless and slightly turbid, with particles of iron rust which quickly subsided leaving the water clear; Lambeth and East London, clear and very pale yellow; Chelsea and West Middlesex, clear and pale yellow; Southwark slightly turbid, opalescent, and pale yellow; Grand Junction turbid, opalescent, and brownish yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town was "greenish yellow slightly turbid, and the organic matter, though rather high, was slightly below the average."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.									
	Chelsea - - - { Cab Rank, Horse Guards, Whitehall. }	7.5	32.50	.256	.045	0	.280	.325	1.8	22.1
	West Middlesex - { Cab Rank, Portland-road. }	7.3	32.20	.256	.042	0	.273	.315	1.8	21.5
	Southwark - - - { Cab Rank, Bricklayers Arms, Old Kent-road. }	7.4	32.24	.243	.051	0	.235	.286	1.7	22.1
	Grand Junction - { Cab Rank, Uxbridge-road, near Marble Arch. }	6.5	31.76	.253	.055	0	.286	.341	1.7	21.3
	Lambeth - - - { Cab Rank, St. George's-road, Southwark. }	7.8	33.92	.203	.047	0	.282	.329	1.8	22.4
	LEA.									
	New River - - { Cab Rank, Tottenham Court-road. }	7.2	33.50	.069	.020	0	.331	.351	1.7	24.5
	East London - { Fire Brigade Station, Commercial-road, E. }	6.8	39.64	.151	.026	0	.297	.323	2.1	26.0
	DEEP WELLS.									
Outer Circle	Kent - - - { Mill Lane, Deptford. }	12.7	44.40	.024	.007	0	.552	.559	2.6	31.5
	Colne Valley - - { January 4th, Bushey. }	—	18.40	.057	.018	.017	.454	.486	2.0	6.7
	Tottenham - - { December 29th, Tottenham. }	—	43.32	.080	.014	.030	.416	.455	3.0	25.1
Corporation of Birmingham* - - - { January 1st, 10, Hurst-street, }		6.7	30.62	.180	.081	.002	.286	.318	1.9	16.3
Corporation of Glasgow† - { January 15th, Loch Katrine Water. }		5.0	2.90	.247	.071	0	.004	.075	0.7	.95
Column 1.		3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 1st January at the Horse Guards cab-rank, had a temperature of 7° 5 C.; 100,000 lbs. of it contained 32.50 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained .256 lb. of carbon and .045 lb. of nitrogen. The above quantity of water also contained no ammonia, and .280 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .325 lb. The above weight of water also contained 1.8 lbs. of chlorine; and 22.1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 2.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 9th February, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1889.			Registered during the Week ending 8th Feb., 1889.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGHES.								
	Colts.	1.	2.	3.	Deaths of			Deaths from										18.	19.	20.	21.	22.	23.		24.							
					Infants under 1 Year of Age.	Persons aged 1 Year and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Pneum.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.								From All Causes.	From Diseases in Cols. 6-12.	Highest Fahrenheit.	Lowest Fahrenheit.	Mean. Fahrenheit.	Centigrade.	In Inches.	In Centi- meters.
28 TOWNS.*	9,555,406	5868	3491	821	817	-	171	44	51	101	27	41	111	208	600	82	19.1	2.4	51.0	23.0	36.4	2.44	0.59	1.50	-	28 TOWNS.						
LONDON	4,351,738	2772	1460	324	386	-	56	12	24	33	5	18	49	91	314	22	17.5	1.8	48.6	27.2	35.6	2.00	0.80	2.03	LONDON.							
BRIGHTON	121,807	62	26	6	7	-	2	-	-	3	-	-	-	6	4	3	11.1	2.1	46.0	26.4	36.5	2.39	0.45	1.14	BRIGHTON.							
PORTSMOUTH	141,253	96	38	11	10	-	-	-	1	1	-	-	1	2	4	-	14.0	0.4	-	-	-	-	-	-	PORTSMOUTH.							
NORWICH	84,510	46	29	6	9	-	-	-	2	1	-	3	1	3	9	-	16.0	1.1	-	-	-	-	-	-	NORWICH.							
PLYMOUTH	78,225	60	42	5	21	-	-	-	2	1	-	3	2	4	13	1	19.1	3.9	51.0	31.5	40.3	4.61	0.65	1.65	PLYMOUTH.							
BRISTOL	229,361	114	84	24	19	-	11	-	2	1	-	3	2	4	13	1	19.1	3.9	47.2	28.6	37.1	2.83	0.24	0.61	BRISTOL.							
WOLVERHAMPTON	82,544	50	35	7	6	-	-	-	1	-	-	1	3	3	9	-	22.1	1.3	48.6	27.9	36.3	2.39	0.78	1.98	WOLVERHAMPTON.							
BIRMINGHAM	454,835	280	163	46	31	-	4	-	1	9	1	1	6	12	26	7	18.7	1.8	-	-	-	-	-	-	BIRMINGHAM.							
LEICESTER*	150,520	88	38	12	8	-	2	-	-	-	-	1	4	7	11	1	13.2	0.7	-	-	-	-	-	-	LEICESTER.							
NOTTINGHAM	237,812	118	80	18	20	-	1	-	-	7	1	1	4	7	11	1	17.6	2.2	46.6	23.0	35.2	1.78	0.77	1.96	NOTTINGHAM.							
DERBY	58,529	48	40	8	12	-	-	1	-	-	-	-	-	1	3	10	-	21.2	0.5	-	-	-	-	-	DERBY.							
BIRKENHEAD	102,511	67	41	22	6	-	4	-	-	4	-	-	-	4	3	2	20.9	4.1	-	-	-	-	-	-	BIRKENHEAD.							
LIVERPOOL	606,562	342	277	70	43	-	18	7	1	12	8	3	10	10	40	9	23.8	4.2	47.0	29.5	38.0	3.33	0.94	2.39	LIVERPOOL.							
LONDON	114,570	74	44	10	8	-	-	1	-	-	1	-	-	2	3	1	20.0	0.9	-	-	-	-	-	-	LONDON.							
MANCHESTER	378,800	255	192	41	49	-	13	2	9	-	1	1	5	11	44	2	26.4	3.6	-	-	-	-	-	-	MANCHESTER.							
SALFORD*	234,283	168	92	18	11	-	14	5	2	5	1	-	-	3	16	4	20.5	6.0	-	-	-	-	-	-	SALFORD.							
OLDHAM	142,405	72	63	11	9	-	11	-	1	3	-	-	1	2	10	1	23.1	5.5	-	-	-	-	-	-	OLDHAM.							
BLACKBURN	121,275	80	75	19	14	-	11	4	-	2	-	2	-	6	2	32.3	8.2	-	-	-	-	-	-	-	BLACKBURN.							
PRESTON	104,184	83	52	16	5	-	1	-	2	4	1	-	-	1	6	2	26.0	4.0	-	-	-	-	-	-	PRESTON.							
HUDDESFIELD	92,825	63	32	10	8	-	5	-	-	-	-	1	-	-	2	2	18.0	3.4	-	-	-	-	-	-	HUDDESFIELD.							
HALIFAX	81,080	38	32	7	6	-	1	-	-	-	1	-	2	5	3	2	20.6	1.3	-	-	-	-	-	-	HALIFAX.							
BRADFORD*	235,056	110	77	12	21	-	1	1	-	3	-	3	4	7	11	1	17.1	1.8	46.3	29.7	36.9	2.72	0.70	1.78	BRADFORD.							
LEEDS	357,449	189	112	27	20	-	1	-	-	8	1	2	4	7	11	3	16.3	1.8	-	-	-	-	-	-	LEEDS.							
SHEFFIELD	327,227	187	141	35	34	-	15	5	1	2	3	1	3	8	18	7	22.5	4.3	-	-	-	-	-	-	SHEFFIELD.							
HULL	208,017	118	61	17	20	-	-	-	1	1	-	1	2	2	6	5	15.3	1.0	45.0	24.0	34.5	1.39	0.36	0.91	HULL.							
SUNDERLAND	134,183	91	46	10	11	-	-	-	1	-	1	-	-	2	3	7	17.9	1.6	42.0	24.0	34.4	1.33	0.44	1.12	SUNDERLAND.							
NEWCASTLE*	160,983	125	74	13	19	-	-	-	3	1	2	-	6	8	9	2	24.0	1.9	45.0	28.0	35.8	2.11	0.39	0.99	NEWCASTLE.							
CARDIFF*	112,712	92	45	16	4	-	1	-	-	1	-	-	-	1	5	3	20.8	1.4	-	-	-	-	-	-	CARDIFF.							
EDINBURGH	266,800	117	99	15	30	-	1	-	2	2	-	1	7	?	18	19	19.4	1.2	47.4	26.0	36.0	2.22	0.18	0.46	EDINBURGH.							
GLASGOW	528,144	351	273	70	49	-	2	2	7	12	3	9	5	?	34	36	27.0	3.5	47.6	27.3	38.0	3.33	0.35	0.89	GLASGOW.							
DUBLIN	353,052	192	166	22	52	-	-	3	-	3	5	3	4	8	53	14	24.5	2.1	48.5	25.2	38.4	3.56	0.26	0.66	DUBLIN.							

* See note on first page of this Return.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the SIXTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2667	2701	2819	2951	2888	2714	2913	2739	2563	2830	3029.9	2772
Males . .	1300	1369	1430	1535	1514	1417	1473	1363	1315	1383	1537.5	1433
Females .	1367	1332	1389	1416	1374	1297	1440	1376	1248	1447	1492.4	1339
TOTAL Deaths	1839	2495	1633	2632	1631	1499	1525	1983	1418	1833	2016.6	1460
Males . .	893	1186	829	1324	817	809	766	972	697	914	1004.2	721
Females .	946	1307	804	1303	814	690	759	1011	721	924	1012.4	739

* The numbers in this column are the average weekly numbers in the sixth weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.
TOTAL Births	2606	2722	2367	2644	2291	2655	1876	2855	2668	2837	2599	2662	2772
TOTAL Deaths	1619	1409	1352	1461	1455	1802	1641	1784	2075	1769	1620	1570	1460
Ages at Death													
{ 0-20 years	825	724	701	765	720	888	779	825	850	776	709	714	650
{ 20-40 "	179	167	164	177	178	197	173	204	218	197	162	158	181
{ 40-60 "	284	212	217	243	247	286	277	303	333	288	280	270	243
{ 60-80 "	260	257	223	228	251	356	335	366	506	423	394	338	313
{ at 80 years & upwds.	71	49	47	48	59	75	77	81	118	80	75	90	73
"													
{ Under 1 year	377	342	327	375	307	390	345	372	373	373	325	370	324
{ 1-5 "	332	292	288	296	314	375	341	338	370	315	281	250	233
{ 5-20 "	116	90	86	94	99	123	93	115	107	83	103	94	93
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	124	133	141	139	154	184	147	143	176	121	83	71	56
" " Scarlet fever	31	20	24	30	17	25	20	12	17	19	20	11	12
" " Diphtheria	44	41	34	35	39	39	34	33	21	33	33	38	24
" " Whooping-cough	17	19	20	13	14	25	28	32	37	36	24	38	33
" " Typhus	-	1	-	1	-	-	-	-	-	-	-	-	-
" " Enteric fever	15	15	11	12	18	12	8	14	10	7	10	10	5
" " Simple Cont'd fever	-	1	1	-	-	-	-	1	1	-	1	1	-
" " Diarrhoea and Dysentery	16	18	13	19	11	16	14	11	12	11	24	18	18
" " Cholera	-	-	1	-	-	-	-	-	1	-	-	-	-
" " all the above-mentioned Diseases	247	248	245	249	253	301	251	246	275	232	195	182	148
" " Dis. of Respiratory System	374	287	258	277	330	440	412	484	652	492	456	409	340
" " Phthisis	152	132	136	144	161	153	152	154	187	136	152	138	140
" " Dis. of Circulatory System	108	105	96	101	109	127	130	160	195	155	141	142	132
Violent Deaths	60	43	54	62	40	81	52	61	58	63	50	55	49
Inquest Cases	117	105	103	120	86	154	107	132	143	121	102	104	91
Deaths in Public Institutions	371	311	311	302	353	395	335	360	398	386	401	382	314
TEMPERATURE OF THE AIR													
Mean	50.5	49.0	45.7	49.1	39.3	40.4	42.5	31.8	35.3	37.8	38.5	43.1	35.6
Mean of Highest readings	55.4	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9
Mean of Lowest readings	45.2	44.9	41.6	43.6	27.9	36.6	27.1	30.9	34.0	33.6	36.5	30.2	
Humidity of the Air	89	81	89	87	93	94	90	93	93	87	93	88	81
Rain-fall in inches	0.40	0.11	1.77	0.17	0.00	0.13	0.66	0.00	0.49	0.62	0.15	0.22	0.80
Registered Sunshine (in hours)	8.6	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 6th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th February 1889.										Corrected Averages for the 6th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 6th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th February 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Deaths of Persons of the Ages													Deaths of Persons of the Ages																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 and under 90.	90 Years and upwards.	ALL AGES.				Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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ALL CAUSES - -	2016.6	1460	324	233	93	181	243	313	73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2772	1460	324	386	-	56	12	24	33	-	5	-	18	49	91	314	22	
WEST DISTRICTS		663,883	361	256	58	71	-	9	1	6	9	-	-	-	3	8	11	63	3	
NORTH DISTRICTS		905,947	630	303	66	80	-	16	5	2	4	-	1	-	3	4	14	64	-	
CENTRAL DISTRICTS		282,288	170	99	16	27	-	4	-	1	2	-	2	-	2	7	10	28	-	
EAST DISTRICTS		692,738	570	261	60	65	-	2	4	3	2	-	-	-	3	17	82	76	2	
SOUTH DISTRICTS		1,265,148	1041	541	126	143	-	25	2	12	16	-	2	-	7	13	24	81	17	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69884	29	30	7	9	-	-	-	1	-	-	-	-	-	2	2	4	-	
St. John Paddington H - - - G.J.		37390	10	7	2	2	-	-	-	1	-	-	-	-	-	1	3	3	-	
Kensington Town W - - - W.M.		120141	62	50	14	14	-	-	-	1	-	-	-	-	-	-	-	14	1	
Brompton H - - - W.M. & C.		48010	14	10	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
St. Peter Hammersmith - - - W.M.		7899	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Paul Hammersmith H W.M. & G.J.		64340	60	20	5	6	-	2	1	1	6	-	-	-	-	-	2	-	-	
Fulham W - - - W.M. & C.		42900	56	31	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea South HHH - - - C.		6396	12	7	1	3	-	-	1	-	-	-	-	-	-	-	-	12	-	
Chelsea North-west WHHHHH C.		21925	19	18	1	5	-	-	-	1	-	-	-	-	-	-	1	-	-	
Chelsea North-east - - - C.		32807	12	13	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - - G.J.		30353	7	12	1	3	-	-	-	-	-	1	-	-	-	1	1	9	-	
Belgrave WHH - - - C.		59220	27	22	2	9	-	-	2	-	-	-	-	-	-	-	-	-	1	
St. John Westminster HHH - - C.		35496	24	10	4	1	-	-	2	-	-	-	-	-	-	-	-	3	1	
St. Margaret Westminster H - C.		24679	7	10	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster WHH N.R. & G.J.		29941	14	10	1	7	-	-	-	-	-	-	-	-	-	-	1	1	3	
St. Anne Soho HHHHHHH - N.R.		14603	12	5	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		28769	15	14	2	3	-	-	-	-	-	-	-	-	-	1	2	7	-	
Cavendish Square HHHH - - W.M.		14391	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Restory Marylebone WH G.J. & W.M.		24809	7	9	3	3	-	-	-	1	-	-	1	-	-	-	1	1	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	32	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.		38700	21	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - - W.M.		33633	15	10	1	6	-	-	-	1	-	-	-	-	-	-	2	-	-	
Hampstead WWHHHH N.R. & W.M.		46432	26	15	-	6	-	-	-	-	-	-	-	-	-	-	1	3	-	
Regent's Park Pancras H - - W.M.		39115	28	10	2	3	-	3	-	-	-	-	-	-	-	-	1	-	-	
Tottenham-court WHHHH N.R. & W.M.		27739	7	15	2	4	-	-	-	-	-	-	-	-	-	-	-	7	-	
Gray's Inn Lane HHH - - N.R.		80247	31	9	6	1	-	-	-	-	-	-	-	-	-	-	-	4	-	
Somers Town H - - - N.R.		34369	20	10	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Camden Town WH - - - N.R.		17811	12	9	1	6	-	-	-	-	-	-	-	-	1	1	1	6	-	
Kentish Town W - - - N.R.		87437	67	17	6	4	-	-	-	-	-	-	-	-	1	1	1	1	-	
Upper Holloway WWHH - - N.R.		67846	61	40	8	5	-	7	1	-	-	-	-	-	-	-	3	20	-	
Islington South-west HHH - - N.R.		100776	87	29	9	7	-	-	1	-	1	-	-	-	1	1	1	1	-	
Islington South-east - - - N.R.		61825	34	18	4	3	-	-	-	1	-	-	-	-	1	1	2	-	-	
Highbury H - - - N.R.		52048	24	16	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stoke Newington H - - - N.R.		22781	15	6	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill - - - E.L.		9277	9	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - - N.R.		37610	21	14	4	2	-	-	-	1	-	-	-	-	-	1	-	-	-	
Hackney WWHH - - - E.L. & N.R.		76911	66	35	6	13	-	3	3	-	-	-	-	-	-	-	-	13	-	
South Hackney - - - E.L.		39383	25	11	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - - N.R.		16681	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - - N.R.		14884	16	4	-	3	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Giles North - - - N.R.		13837	4	7	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	12	4	1	-	-	-	-	-	-	-	-	-	1	1	1	2	-	
St. Mary-le-strand H - - - N.R.		7515	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Clement James H - - - N.R.		8559	1	7	2	-	-	-	-	1	2	-	-	-	-	-	-	3	-	
Strand Union Workhouse, Edmonton w.		-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Geo. the Martyr HHHHHHH N.R.		18671	7	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Andrew Eastern W - - - N.R.		10706	4	4	1	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Andrew Hill H - - - N.R.		6533	1	1	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. James Clerkenwell - - - N.R.		17516	17	5	1	2	-	-	-	-	-	1	-	-	1	1	1	-	-	
Amwell Clerkenwell - - - N.R.		19231	11	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - - N.R.		14773	11	4	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Goosewell-street - - - N.R.		17506	16	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - - - N.R.		11541	9	4	2	-	-	-	-	-	-	-	-	-	-	1	2	-	-	
City-road HHL - - - N.R.		18628	25	5	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
Whitecross-street - - - N.R.		9317	9	5	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Finchbury - - - N.R.		7463	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Holborn Union Workhouse, Mitcham, w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - - N.R. & E.L.		11174	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - - N.R.		7193	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - - N.R.		5358	3	12	-	2	-	-	-	-	-	1	-	-	-	2	2	11	-	
St. Bride W - - - N.R.		8396	3	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - - - N.R.		13666	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
All Saints Barking - - - N.R.		8652	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths from													Deaths in Famine institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Styphoid Fever).	Simple continued fever.	Dysentery.	Violence.	Unusual Causes.		
EAST DISTRICTS.																			
St. Leonard Shoreditch	N.R. & E.L.	7376	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	H.L.	14967	12	8	4	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Leonard New Town	N.R.	29637	25	4	2	3	-	-	-	-	-	-	-	-	-	-	1	1	
St. Leonard Old Town	N.R.	28036	42	1	1	1	-	-	-	-	-	-	-	-	-	-	1	1	
St. Leonard WH	N.R. & E.L.	46275	14	5	8	-	-	-	-	-	-	-	-	-	-	1	2	3	
St. Leonard-road	E.L.	29738	36	10	2	3	-	-	-	1	-	-	-	-	-	-	-	-	
St. Leonard Bethnal Green	WHL*	47932	39	21	4	6	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Bethnal Green	E.L.	29981	32	1	2	2	-	1	1	-	-	-	-	-	-	-	1	10	
St. Leonard Bethnal Green	E.L.	19810	15	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Fields	E.L. & N.R.	22585	21	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard New Town	E.L.	15473	14	12	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Chapel Church	H	17490	8	18	1	3	-	-	-	-	-	-	-	-	-	1	2	19	
St. Leonard Woodman's Fields	E.L.	9713	2	1	1	-	-	-	-	-	-	-	-	-	-	-	14	1	
St. Leonard Edgware	N.R. & E.L.	6102	3	6	-	2	-	1	-	-	-	-	-	-	-	-	1	-	
St. George's, North	E.L.	38747	37	12	5	3	-	-	-	1	1	-	-	-	-	2	5	-	
St. John, St. George East	W	5410	9	8	-	2	-	-	-	-	1	-	-	-	-	-	6	-	
St. George's, North	HH	10395	10	8	1	1	-	-	-	-	2	-	-	-	-	-	4	-	
St. George's, North	E.L. & N.R.	18107	6	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's, North	E.L.	32041	28	8	1	1	-	-	1	-	-	-	-	-	-	1	1	-	
St. Leonard Old Town West	E.L.	37560	43	13	5	2	-	-	-	-	-	-	-	-	-	-	1	-	
St. Leonard Old Town East	WHL	37563	28	24	9	5	-	-	-	-	-	-	-	-	-	2	3	6	
St. Leonard	E.L.	37074	86	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard	E.L.	64359	46	30	5	13	-	-	-	-	-	-	-	-	-	4	6	15	
St. Leonard	WHL	55077	26	19	5	4	-	-	-	-	-	-	-	-	-	2	3	4	
SOUTH DISTRICTS.																			
St. George's, South	L. & S.	13683	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	
St. George's, South	S.	14999	10	7	1	4	-	1	-	-	-	-	-	-	-	1	-	1	
St. George's, South	S. & L.	21381	19	10	2	1	-	-	-	-	-	-	-	-	-	-	2	-	
St. George's, South	S. & L.	15953	11	7	2	-	-	1	-	-	-	-	-	-	-	-	2	-	
St. George's, South	H.L.	21318	12	11	3	1	-	-	-	-	-	-	-	-	-	1	1	-	
St. George's, South	S. & L.	32672	19	7	1	4	-	-	-	1	-	-	-	-	-	-	1	-	
St. Peter Walworth	W	65555	39	20	1	4	-	-	-	-	-	-	-	-	-	1	1	-	
St. Mary Newington	L. & S.	21623	17	11	3	4	-	-	-	-	1	-	-	-	-	1	1	-	
St. Olive	WH	11956	13	20	4	2	-	-	-	1	1	-	-	-	-	2	3	14	
St. Mary Magdalen	S. & L.	16800	16	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Magdalen	S.	15669	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Bermondsey	S.	14683	39	23	6	6	-	1	-	-	2	-	-	-	-	-	-	-	
St. James Bermondsey	WH	36024	43	16	-	7	-	1	-	-	-	-	1	-	-	-	9	-	
St. Leonard-road 1st	H	15195	7	9	1	-	-	2	-	-	-	-	-	-	-	-	-	1	
St. Leonard-road 2nd	H	16351	14	6	3	2	-	-	-	-	-	-	-	-	-	-	1	-	
St. Leonard Church 1st	H	19876	12	19	4	3	-	4	1	1	-	-	-	-	-	2	2	9	
St. Leonard Church 2nd	WH	39539	34	18	1	9	-	2	-	-	-	-	-	-	-	1	8	-	
St. Leonard 1st	S. & L.	45232	27	19	6	6	-	1	-	2	-	-	-	-	-	1	-	1	
St. Leonard 2nd	S. & L.	36332	20	11	3	6	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard	S. & L.	62837	43	35	11	10	-	1	-	1	2	-	-	-	-	-	-	-	
St. Leonard	L.	19017	13	9	3	3	-	-	-	-	-	-	-	-	-	1	-	1	
St. Peter's	S.	24675	54	20	4	5	-	1	-	1	-	-	-	-	-	-	-	-	
St. Peter's	S.	31387	17	21	6	7	-	1	-	-	-	-	1	-	-	-	5	-	
St. Peter's	S.	36310	14	12	2	5	-	-	-	1	-	-	-	-	-	-	-	-	
St. Peter's	S.	28004	16	7	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Peter's	S.	13233	9	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	L.	25533	10	10	2	3	-	-	-	-	-	-	-	-	-	1	-	-	
St. Peter's	L. & S.	5390	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	S. & L.	29104	36	42	3	11	-	3	1	1	1	-	-	-	-	1	2	18	
St. Peter's	S., L., & K.	71089	61	27	8	6	-	4	-	-	-	-	-	-	-	1	2	3	
St. Peter's	L. & S.	50810	50	19	9	2	-	-	-	-	3	-	-	-	-	-	-	-	
St. Paul Deptford	WHL	76732	81	22	5	6	-	-	-	-	2	-	-	-	-	-	-	3	
St. Nicholas Deptford	K.	7901	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Nicholas West	H	21972	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Nicholas East	WHL	24605	24	14	4	6	-	-	-	-	1	-	-	-	-	1	4	-	
St. Peter's	K.	5043	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	K.	21659	12	10	2	4	-	1	-	-	-	-	-	-	-	-	-	-	
St. Peter's	K.	19866	28	9	4	3	-	-	-	-	-	-	-	-	-	1	1	2	
St. Peter's	L.	20076	24	15	4	4	-	-	-	-	-	-	-	-	-	-	1	1	
St. Peter's	K.	10930	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	K.	17657	15	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	HH	19143	12	7	2	1	-	-	-	-	-	-	-	-	-	1	1	-	
St. Peter's	K.	14069	9	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter's	K.	32241	26	14	4	3	-	-	-	1	-	-	-	-	-	1	1	2	
Metropolitan Asylum Hospitals:																			
St. George's	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
 Central London Sick Asylum in Tottenham Court-road sub-district.
 Holborn Infirmary in Upper Holloway sub-district.
 London City Workhouse " Baceany sub-district.
 Holborn " " Boxton New Town sub-district.
 Whitechapel " " Mile End Old Town Eastern sub-dist.
 London City " " Mile End Old Town Eastern sub-dist.
 " " " " Mile End Old Town Eastern sub-dist.
 " Private Lunatic Asylums in which patients are received.

Stepney Workhouse in Bromley sub-district.
 Lough and Stepney Sick Asylum.
 Westminster Union Industrial School in West Battersea sub-district.
 Strand and Holborn Workhouses outside Registration London.
 St. Saviour's Infirmary in Camberwell sub-district.
 Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 9th February, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include															
						Deaths of		Deaths from													
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unnatural Causes.			
LONDON—OUTER RING						370,924	950,957	794	377	94	114	-	18	2	5	8	-	6	9	16	45
30: 1	Carshalton wL	-	12223	21118	10	11	1	5	-	-	-	-	-	-	-	-	-	-	-	-	7
2	Epsom (part of)* WwH	-	9971	10710	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
37: 1	Godstone (part of)*	-	2754	1235	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon WwHHL	-	20351	101241	70	30	2	10	-	6	-	-	-	-	-	-	-	-	-	-	7
2	Mitcham w†	-	11697	17932	5	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
39: 1	Wimbledon HHH	-	3220	15950	12	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WHH	-	8549	36354	31	13	5	3	-	1	-	-	2	-	-	-	-	-	-	-	1
3	Esher (part of)*	-	6601	9221	11	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H	-	4578	13539	9	7	3	1	-	-	-	-	1	-	-	-	-	-	-	-	-
40: 1	Richmond WH	-	2272	21302	7	14	3	-	-	1	-	-	-	-	-	-	1	1	1	1	-
2	Mortlake	-	2911	12331	8	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
41: 1	Bromley (pt. of)* HH	-	15639	31142	28	12	3	3	-	-	-	-	1	-	-	-	2	1	1	8	-
2	Chislehurst (pt. of)* WHH	-	14307	15844	16	14	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-
42: 1	Bexley H	-	13437	2434	24	10	3	3	-	-	-	-	1	-	-	-	-	-	-	-	-
2	Dartford (Ww, pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w	-	11055	11635	4	2	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-
2	Staines W	-	13277	12089	5	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
125: 1	Hillingdon WHH	-	6029	10302	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge	-	6178	3225	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3	Hayes wHL	-	14337	11523	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126: 1	Isleworth WHH	-	7003	22727	25	13	5	3	-	-	-	-	-	-	-	-	-	-	-	-	6
2	Twickenham H	-	2477	12479	9	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL	-	4345	27649	12	8	2	3	-	-	-	-	-	-	-	-	-	1	1	-	-
4	Chiswick	-	1340	15975	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton wH	-	6983	22376	17	7	3	1	-	-	-	-	-	1	-	1	-	-	-	-	-
127: 1	Harrow H	-	13809	12796	9	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H	-	6994	3749	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	-	4383	27453	32	17	7	3	-	-	-	-	-	-	-	-	2	4	-	-	-
4	Hendon W	-	8382	10484	12	8	1	1	-	1	-	-	1	-	-	-	-	-	-	-	3
137: 1	Bushey	-	9331	6621	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)*	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
138: 1	South Mimms	-	15592	6391	8	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet	-	5433	10092	5	5	2	3	-	-	-	-	-	-	-	-	-	1	1	-	-
3	Finchley HL	-	4698	17615	8	13	2	8	-	-	-	-	-	-	-	-	-	-	-	-	4
135: 1	Hatfield (part of)*	-	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Hornsey H	-	3039	37078	25	15	5	4	-	1	-	-	1	-	-	-	-	-	-	-	-
2	Tottenham H	-	4642	46456	59	12	4	4	-	-	-	-	-	2	-	-	-	-	-	-	-
3	Edmonton Ww†	-	7443	23433	18	7	2	2	-	2	-	-	-	-	-	-	-	-	-	-	1
4	Enfield WH	-	12653	19104	16	7	1	1	-	-	-	-	-	-	-	-	-	2	2	1	-
5	Waltham Abbey	-	11017	5344	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	-	8439	773	8	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
140: 1	Stratford	-	832	33905	33	17	2	7	-	1	1	-	-	-	-	-	1	-	-	-	-
2	West Ham wnwH†	-	7351	101053	103	48	13	4	-	2	-	1	-	-	-	-	1	2	4	-	-
3	Leyton WwL	-	4872	32430	43	14	3	8	-	-	1	-	-	-	-	-	-	-	-	-	7
4	Walthamstow H	-	6520	28869	39	16	3	2	-	-	-	-	1	-	-	-	-	-	1	-	-
187: 1	Chigwell (part of)* H	-	11761	9639	11	4	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-
2	Epping (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189: 1	Romford (part of)* W	-	6730	3411	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	-	3193	7643	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town	-	4127	9203	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 12655); 37: 1, the parishes of Warlingham and Farley in Godstone district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 247); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theobalds (pop. 475); 189: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 187: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospitals, Vinson Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th February, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
WATER LONDON	448,334	5,642,015	17.0	1.7	1837	418	500	-	74	14	29	41	5	24	58	359	
INNER LONDON -	77,410	4,351,738	17.5	1.8	1460	324	386	-	56	12	24	33	5	18	49	314	
OUTER RING -	370,924	1,290,277	15.2	1.6	377	94	114	-	18	2	5	8	-	6	9	45	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,540,696 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
LCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	January 15	291	461	26.6	3	12	?	?	?	136	68+	
ADRAS -	398,777	December 21	313	393	57.2	3	4	?	?	?	80	81+	
		December 28	298	366	47.7	1	6	?	?	?	77	70+	
BRIS -	2,260,945	February 2	1191	1111	25.6	3	39	4	54*	6	18	52	
PARIS (h 8 Faubourgs.)	462,069	" 2	272	190	21.4	-	8	-	-	3	-	15	
AMSTERDAM	390,016	" 2	259	191	24.9	-	10	-	5	7	1	-	
ROTTERDAM	197,723	" 2	151	95	24.9	-	-	-	-	2	-	-	
THE HAGUE	153,440	" 2	109	59	19.9	-	1	-	-	-	-	-	
COPENHAGEN	307,000	January 26	184	129	21.9	-	-	2	6	3	-	2	
STOCKHOLM	221,549	" 26	113	68	16.0	-	-	3	5*	-	-	8	
CHRISTIANIA	135,600	February 2	78	62	23.8	-	1	2	6	1	-	2	
S. PETERSBURG	842,883	January 26	-	549	34.0	-	-	8	6	4	13	77	
BERLIN	1,470,582	" 19	956	635	22.5	-	15	7	28	18	-	26	
AMBURG (State)	550,694	" 26	855	274	26.0	-	-	-	14*	4	4	10	
BRUSSELS	161,196	" 26	177	115	22.6	?	-	-	7*	?	2	4	
BRISLAU	313,451	February 2	193	100	26.7	-	2	2	7*	-	-	10	
MUNICH	281,000	January 26	183	169	31.3	-	7	4	13*	-	3	14	
VIENNA	811,434	" 26	553	385	24.7	1	3	5	5	-	5	25	
BUDAPEST	300,828	" 26	-	176	30.5	16	2	3	12	2	4	5	
BUDAPEST	452,907	" 26	301	255	29.3	-	2	4	7	2	9	19	
BRISTOL	158,084	" 26	-	97	31.9	5	-	-	1	-	-	2	
ROME	462,231	December 15	223	236	30.6	2	3	2	2	1	14	11	
BRISTOL (10 days)	294,826	January 10	-	-	-	-	-	-	-	-	-	-	
BRISTOL	153,218	" 19	83	93	31.7	-	1	-	-	2	-	5	
CAIRO	374,338	" 17	428	315	43.8	-	1	-	-	4	21	90	
ALEXANDRIA	231,396	" 17	238	200	45.1	-	-	-	-	1	10	53	
NEW YORK	1,549,500	" 19	-	779	26.2	-	31	54	50	9	4	19	
BROOKLYN	814,505	" 19	-	358	22.9	-	5	10	27	10	2	2	
PHILADELPHIA	1,040,245	" 19	-	382	19.2	-	-	14	11	2	8	2	
BALTIMORE	500,343	" 19	-	142	14.8	-	-	1	3	5	3	-	

Including deaths from croup.
The deaths returned under "Diarrhoeal Diseases" include 34 from Cholera in Bombay, and 4 and 6 respectively in the two weeks
Madras.

Including 12 deaths from Malarial Fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the \overline{W} . ending Saturday, 9TH FEBRUARY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.	MOON AND DAY.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge, whose receiving surfaces are placed above the ground, on each of 16 days.								
		Of the Air.				Of the Water of the Thames at Deptford.				Of the Radiation.				Oster's.												
		High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average value.	Mean daily value.	Great. est.	Least.	High. est.	Low. est.	High. est.	Low. est.	General Direction.	Pressure on the Square Foot.	Horizontal Movement of the Air on each of 16 days.	Robinson's.									
FEBRUARY.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SUN.	3	29.011	42.6	30.7	11.9	35.8	- 4.9	32.3	3.5	9.5	0.0	87	37.2	25.0	44.5	WSW.	W. & NNE.	0.0	0.8	449	108	0.25	0.0	0.0	0.0	0.0
MON.	4	29.850	38.8	29.5	9.3	32.9	- 7.8	28.9	4.0	8.6	0.5	85	63.8	23.0	43.2	NNE. & S.	NNE. & S.	0.0	1.6	556	+215	0.06	0.0	0.0	0.0	0.0
TUES.	5	30.011	38.2	27.2	11.0	33.4	- 7.2	29.6	3.8	7.4	1.0	86	54.3	19.7	42.3	N. & WSW.	WSW & SW.	0.0	0.2	319	- 21	0.01	0.0	0.0	0.0	0.0
WED.	6	29.773	44.1	36.4	7.7	40.9	+ 0.5	36.6	4.3	6.6	1.7	85	54.0	31.0	41.7	W.	WSW & SW.	0.0	0.2	339	+ 20	0.02	0.0	0.0	0.0	0.0
THURS.	7	29.610	44.7	30.3	14.4	35.9	- 4.3	31.1	4.8	9.0	1.0	82	66.0	24.5	41.8	SSW & WSW.	N. & NNW.	0.0	0.6	378	+ 41	0.34	0.2	0.2	0.2	0.2
FRI.	8	29.248	48.6	29.1	19.5	38.2	- 1.7	35.1	3.1	7.5	0.7	88	60.8	23.0	40.8	SW. & NW.	SW. & NW.	0.0	2.5	694	+330	0.12	0.8	0.8	0.8	0.8
SAT.	9	Apogee.	29.411	36.0	28.3	7.7	31.8	13.9	19.7	7.0	54	69.8	22.7	49.1	38.3	NW.	NNW.	0.1	3.0	669	+339	0.00	0.0	0.0	0.0	0.0
MEANS		29.564	41.9	30.2	11.6	35.6	- 4.7	30.2	5.3	9.8	1.7	81	60.8	24.1	42.1	39.7	Variable.	..	..	Sum 3394	Sum +1032	Sum 0.80	0.1	0.1	0.1	0.1
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.		ELECTRICITY.				Registered Sun above Horizon.				GENERAL REMARKS.				The height of the cistern of the barometer is 159 feet above the mean level of the sea; no observation has been applied to the readings to reduce to sea level.												
FEBRUARY.		(For explanation of symbols, see Note.)				in hours.								Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hydro-metrical Tables.												
SUNDAY	3			0.6		9.2																				
MONDAY	4			2.2		9.3																				
TUESDAY	5			0.2		9.3																				
WEDNESDAY	6			0.0		9.4																				
THURSDAY	7			0.6		9.4																				
FRIDAY	8			0.2		9.5																				
SATURDAY	9			3.6		9.6																				
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 7. 1889. VOL. L.] WEEK ENDING SATURDAY, FEBRUARY 16. [Price 1½d.

General Register Office, Somerset House,
18th February, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·8 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.		Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.
Birkenhead	19·3	30·5	20·9	21·4	Liverpool -	24·9	20·9	23·8	21·0
Birmingham	24·9	18·7	18·7	17·4	London -	19·4	18·8	17·5	18·2
Blackburn -	27·1	33·6	32·3	28·4	Manchester -	26·9	25·5	26·4	29·3
Bolton -	19·6	20·0	20·0	22·7	Newcastle-on-Tyne*	21·7	24·0	24·0	26·3
Bradford*	15·8	16·9	17·1	21·5	Norwich -	15·5	28·7	16·0	22·6
Brighton -	17·1	16·7	11·1	16·7	Nottingham -	18·9	20·0	17·6	20·6
Bristol -	18·2	19·1	19·1	23·2	Oldham -	25·7	22·7	23·1	23·5
Cardiff*	24·5	23·1	20·8	19·0	Plymouth -	23·3	14·7	28·0	14·0
Derby -	12·2	20·1	21·2	18·0	Portsmouth -	15·9	14·4	14·0	18·5
Halifax -	23·8	19·3	20·6	15·4	Preston -	28·0	22·5	26·0	24·0
Huddersfield	20·2	20·2	18·0	21·9	Salford*	23·8	23·4	20·5	24·9
Hull -	14·5	14·8	15·3	17·6	Sheffield -	25·5	20·9	22·5	21·5
Leeds -	18·1	20·7	16·3	18·2	Sunderland -	20·2	19·4	17·9	21·4
Leicester*	19·8	17·7	13·2	13·9	Wolverhampton -	17·1	24·0	22·1	18·3

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·2 in Salford and in Huddersfield, 2·5 in Birkenhead, 2·7 in Bristol, 3·7 in Oldham, and 7·3 in Blackburn; and from *whooping-cough*, 1·3 in Bradford and in Nottingham, 1·9 in Newcastle-upon-Tyne, and 3·5 in Preston. The death-rate from *scarlet fever*, and that from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 54 deaths from *diphtheria* in these towns included 24 in London, 7 in Salford, 6 in Manchester, 2 in Liverpool, 2 in Oldham, 2 in Sheffield, and 2 in Hull. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2511 BIRTHS and 1516 DEATHS were registered. Allowing for increase of population, the births were 401, and the deaths 365, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the five preceding weeks from 24·9 to 17·5, rose again last week to 18·2. During the first seven weeks of the current quarter the death-rate averaged 20·2 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1516 deaths included 43 from measles, 16 from scarlet fever, 24 from diphtheria, 31 from whooping-cough, 13 from enteric fever, 10 from diarrhoea and

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

dysentery, 1 from cholera, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 138 deaths were referred to these diseases, being 87 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 16. The death of an infant, aged 14 months, in Clerkenwell, was attributed to chicken-pox. No small-pox patient was under treatment at the end of the week either in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had declined in the five preceding weeks from 176 to 56, further fell last week to 43, but exceeded the corrected average by 14; 6 belonged to Islington, 5 to Camberwell, 4 to Lambeth, 3 to Saint George Hanover Square, and 3 to Hackney sanitary areas. The 16 deaths from *scarlet fever* showed a further increase of 4 upon the low numbers in the two preceding weeks, but were 13 below the corrected average; 2 belonged to Bethnal Green, 5 to Poplar (including 2 admitted to hospital from Parnell Road), 2 to Lambeth, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 653 scarlet fever patients, against numbers ranging in the thirteen preceding weeks from 980 to 663; 43 cases were admitted during the week, against 65 and 52 in the two previous weeks. The fatal cases of *diphtheria*, which had been 38 and 24 in the two preceding weeks, were again 24 last week, and exceeded the corrected average by 9; 2 belonged to Paddington, 3 to Kensington, 2 to Pancras, 2 to St. George-in-the-East, 2 to Poplar, 3 to St. George. Southwark, and 5 (including 2 admitted to hospital from Brading Road) to Lambeth sanitary areas. The fatal cases of *whooping-cough*, which had been 38 and 33 in the two preceding weeks, further declined last week to 31, and were 71 below the corrected average; 3 belonged to Fulham, 3 to Hackney, 4 to Lambeth, 6 to Camberwell, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 24, 13, and 18 in the three previous weeks, declined last week to 10, and were 5 below the corrected average. The death of an infant, aged 11 months, in Islington, was referred to "cholera morbus, diarrhoea, and sickness."

The deaths referred to *enteric fever*, which had been 10 and 5 in the two preceding weeks, rose last week to 13, but were 3 below the corrected average. The Metropolitan Asylum Hospitals contained 53 cases of enteric fever, and one of typhus on Saturday last; one case of enteric fever was admitted during the week, against 1 and 5 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had declined in the five preceding weeks from 652 to 340, rose again last week to 376, but were 159 below the corrected average.

Different forms of violence caused 44 deaths; 36 were the result of negligence or accident, among which were 17 from fractures and contusions, 3 from burns and scalds, 4 from drowning, and 7 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in the street; 3 by accidents on railways; 1 by fall from scaffold; 1 by fall down lift; 1 by fall into hold of ship; 1 by fall down stairs; 2 (one intoxicated) by fall in walking; 1 by injury from iron plates; and 1 by injury from machinery. An inquest was held in each of these 17 cases. Seven cases of suicide were registered, the corrected average being 6.

GREATER LONDON.

In Greater London 3234 births and 1894 deaths were registered, corresponding to annual rates of 29·9 and 17·5 per 1000 of the estimated population. In the Outer Ring 13 deaths from whooping-cough, 6 from measles, and 4 from diphtheria were registered. Four fatal cases of whooping-cough were returned in Stratford, and 3 in Croydon sub-districts; and 2 deaths from diphtheria occurred in Tottenham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·65 ins.; the lowest reading was 29·05 ins. on Sunday evening, and the highest 30·13 ins. on Tuesday evening. The mean temperature of the air was 34°·3, and 4°·6 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Thursday and Friday, but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 13·6 miles per hour, which was 0·6 of a mile above the average in the corresponding weeks of 16 years. *Rain* or melted snow was measured on six days of the week, to the aggregate amount of 1·19 inches. The duration of registered bright sunshine in the week was 8·7 hours, against 10·4 hours at Glynede Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 16th February, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1886	Registered during the Week ending 16th Feb., 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.				
		BIRTHS.	DEATHS.	Deaths of		Deaths from						Deaths in			corresponding Week's Deaths		Mean.		In Inches.	In Centi- meters.					
				1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Peyer.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	(Uncertified Cases of Death.	From All (Causes.	From Diseases in Cohs. 6-12.				Highest.	Lowest.	Fahrenheit.	Fahrenheit.
Cols.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	
28 TOWNS*	9,555,406	5590	3624	834	836	-	153	43	54	92	27	30	133	256	654	78	19-8	2-2	55-0	18-0	35-2	1-78	0-91	2-31	
LONDON	4,351,738	2511	1516	326	400	-	43	16	24	31	13	10	44	98	376	17	18-2	1-6	49-2	18-9	34-3	1-28	1-19	3-02	
BRIGHTON	121,807	52	39	4	17	-	1	1	1	1	-	-	2	2	14	1	16-7	2-1	50-0	21-3	34-9	1-61	1-71	4-34	
PORTSMOUTH	141,253	105	50	7	17	-	1	-	-	-	-	-	1	3	8	1	18-5	0-7	-	-	-	-	-	-	
NORWICH	94,510	61	41	13	15	-	-	-	-	-	-	-	-	3	3	1	22-6	1-7	-	-	-	-	-	-	
PLYMOUTH	78,225	52	21	4	7	-	-	-	-	-	-	-	2	3	4	19	2	23-2	3-4	49-0	22-4	36-3	2-39	0-70	
BRISTOL	229,331	115	102	17	31	-	12	-	-	-	1	2	3	4	19	2	23-2	3-4	49-0	22-4	36-3	2-39	0-70	1-78	
WOLVERHAMPTON	82,544	54	29	8	13	-	-	-	-	-	-	-	1	1	6	-	18-3	0-0	48-3	18-8	31-4	-0-34	0-85	2-16	
BIRMINGHAM	454,835	298	152	48	23	-	1	1	-	7	-	-	1	16	4	4	17-4	1-4	-	-	-	-	-	-	
LEICESTER*	150,520	88	40	9	4	-	1	-	-	-	-	-	2	8	1	3	13-9	0-3	-	-	-	-	-	-	
NOTTINGHAM	237,812	130	94	28	21	-	2	-	-	6	1	2	3	7	7	2	20-6	2-4	47-8	21-0	32-7	0-39	0-83	0-84	
DERBY	98,539	54	24	7	8	-	1	1	1	1	-	-	4	8	4	1	18-0	1-6	-	-	-	-	-	-	
BIRMINGHAM	102,511	61	42	9	4	-	5	-	-	-	-	-	1	4	5	2	21-4	2-5	-	-	-	-	-	-	
LIVERPOOL	606,562	331	244	56	32	-	14	4	2	6	1	4	12	15	50	10	21-0	2-7	52-3	21-6	36-6	2-56	0-77	1-96	
BOLTON	114,670	71	50	9	11	-	1	1	1	-	-	-	1	1	3	2	22-7	1-8	-	-	-	-	-	-	
MANCHESTER	378,800	267	213	44	42	-	14	6	6	3	2	-	15	23	45	3	29-3	4-3	-	-	-	-	-	-	
SALFORD*	234,283	136	112	19	20	-	10	3	7	2	-	-	3	6	17	4	24-9	4-9	-	-	-	-	-	-	
OLDHAM	142,405	83	64	16	9	-	10	-	2	2	-	-	3	5	1	1	23-5	5-1	-	-	-	-	-	-	
BLACKBURN	121,275	81	65	20	5	-	17	2	-	2	-	-	1	1	2	4	28-4	9-5	-	-	-	-	-	-	
PRESTON	104,194	78	48	14	8	-	-	-	1	7	-	-	-	1	2	1	24-0	4-5	-	-	-	-	-	-	
HUDERSFIELD	92,825	45	39	12	11	-	4	-	-	1	-	-	-	-	2	-	21-9	2-8	-	-	-	-	-	-	
HALIFAX	81,080	46	24	9	4	-	-	-	1	-	-	-	-	-	2	-	15-4	1-3	-	-	-	-	-	-	
BRADFORD*	235,055	136	97	26	20	-	2	3	-	6	-	-	4	6	10	2	21-5	2-4	48-7	24-6	33-9	1-06	0-44	1-12	
LEEDS	357,449	210	125	33	25	-	6	-	1	4	1	-	7	10	11	3	18-2	1-8	-	-	-	-	-	-	
SHEFFIELD	327,227	213	135	39	23	-	8	3	2	3	2	2	2	5	6	5	17-6	1-0	47-0	18-0	31-8	-0-11	0-54	1-37	
HULL	208,017	105	70	14	24	-	-	-	2	-	2	-	1	5	7	2	17-6	1-0	55-0	29-0	41-1	5-06	1-56	3-96	
SUNDERLAND	134,183	85	55	10	10	-	-	2	1	2	1	1	1	5	7	1	26-3	2-3	46-0	23-0	35-6	2-00	0-42	1-07	
NEWCASTLE*	160,983	106	81	21	17	-	-	-	1	6	-	-	7	11	15	1	26-3	2-3	46-0	23-0	35-6	2-00	0-42	1-07	
CARDIFF*	112,712	76	41	12	9	-	1	-	-	1	1	-	1	2	7	-	19-0	1-4	-	-	-	-	-	-	
EDINBURGH	266,900	151	98	17	28	-	-	-	3	-	1	2	1	?	17	25	19-2	1-2	48-9	21-0	35-3	1-83	0-14	0-36	
GLASGOW	528,144	359	237	56	33	-	21	?	4	16	1	3	7	?	38	35	25-4	4-4	50-2	22-9	35-6	2-00	0-72	1-83	
DUBLIN	323,032	165	199	30	46	-	3	-	-	5	3	1	5	13	68	34	29-4	1-8	54-8	17-2	34-8	1-56	1-10	2-79	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the SEVENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2597	2659	2841	2674	2732	2649	2526	2849	2612	2569	2912.4	2511
Males . . .	1286	1346	1402	1367	1354	1363	1268	1512	1395	1298	1474.4	1334
Females . .	1311	1313	1439	1307	1378	1286	1258	1337	1237	1271	1438.0	1177
TOTAL Deaths	1646	2016	1564	2188	1525	1528	1497	2035	1560	1689	1880.8	1516
Males . . .	806	1007	852	1065	766	788	765	1023	803	841	950.4	744
Females . .	840	1009	712	1123	759	740	732	1012	757	848	930.4	772

* The numbers in this column are the average weekly numbers in the seventh weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	
TOTAL Births	- -	2722	2367	2644	2291	2655	1876	2855	2668	2837	2599	2662	2772	2511	
TOTAL Deaths	- -	1409	1352	1461	1455	1802	1641	1784	2075	1769	1620	1570	1460	1516	
Ages at Death	{														
	0—20 years	-	724	701	765	720	888	779	825	850	776	709	714	650	655
	20—40 "	-	167	164	177	178	197	173	204	218	197	162	158	181	182
	40—60 "	-	212	217	243	247	286	277	303	333	288	280	270	243	279
Death	60—80 "	-	257	223	228	251	356	335	366	506	428	394	338	313	322
	at 80 years & upwds.	-	49	47	48	59	75	77	81	118	80	75	90	73	78
"	{ Under 1 year	-	342	327	375	307	390	345	372	373	373	325	370	324	326
	1—5	-	292	288	296	314	375	341	338	370	315	281	250	233	247
	5—20	-	90	86	94	99	123	93	115	107	88	103	94	93	82
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" "	Measles	-	133	141	139	154	184	147	143	176	121	83	71	56	43
" "	Scarlet fever	-	20	24	30	17	25	20	12	17	19	20	11	12	16
" "	Diphtheria	-	41	34	35	39	39	34	33	21	38	33	38	24	24
" "	Whooping-cough	-	19	20	13	14	25	28	32	37	36	24	38	33	31
" "	Typhus	-	1	-	1	-	-	-	-	-	-	-	-	-	-
" "	Enteric fever	-	15	11	12	18	12	8	14	10	7	10	10	5	13
" "	Simple Cont ^d fever	-	1	1	-	-	-	-	1	1	-	1	1	-	-
" "	Diarrhoea and	-	18	13	19	11	16	14	11	12	11	24	13	18	10
" "	Dysentery }	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" "	Cholera	-	-	1	-	-	-	-	-	1	-	-	-	-	1
" "	all the above- mentioned Diseases }	-	248	245	249	253	301	251	246	275	232	195	182	148	138
" "	Dis. of Respira- tory System }	-	287	258	277	330	440	412	484	652	492	456	409	340	376
" "	Phthisis	-	132	136	144	1	153	152	154	187	136	152	138	140	158
" "	Dis. of Circula- tory System }	-	105	96	101	109	127	130	160	195	155	141	142	132	120
Violent Deaths	- -	43	54	62	40	81	52	61	58	63	50	55	49	44	
Inquest Cases	- -	105	103	120	86	154	107	132	143	121	102	104	91	98	
Deaths in Public Institutions	- -	311	311	302	353	395	335	360	398	386	401	382	314	375	
TEMPERATURE OF THE AIR															
Mean	-	49.0	45.7	49.1	38.3	40.4	42.5	31.8	35.3	37.8	38.5	43.1	35.6	34.3	
Mean of Highest readings	-	53.4	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9	40.9	
Mean of Lowest readings	-	44.9	41.6	43.6	27.9	36.0	36.6	27.1	30.9	34.0	33.6	36.5	30.2	27.1	
Humidity of the Air	- -	81	89	87	93	94	90	93	98	87	93	88	81	84	
Rain-fall in inches	- -	0.11	1.77	0.17	0.00	0.13	0.06	0.00	0.49	0.62	0.15	0.22	0.80	1.19	
Registered Sunshine (in hours)	- -	6.2	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4	8.7	

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., J.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlainborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 7th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 16th February 1889.							Corrected Averages for the 7th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 16th February 1889.									
		Deaths of Persons of the Ages								Deaths of Persons of the Ages									
		ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	ALL AGES.		Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.					
		0-1.	1-2.	3-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.			0-1.	1-2.	3-20.	20 and under 40.	40 and under 60.	60 and upwards.			
ALL CAUSES - -	1880·8	1516	326	247	82	182	279	322	78	Diseases of Organs of Special Sense † - -	1·4	2	-	2	-	-	-		
Small-pox { Vaccinated; Unvaccinated; No Statement }	15·6	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	123·3	120	3	4	7	21	36	42	7
Measles - - -	28·8	43	6	31	6	-	-	-	-	Croup - - -	15·0	13	1	10	2	-	-	-	-
Scarlet Fever - -	28·7	16	-	10	5	1	-	-	-	Bronchitis - - -	844·3	229	43	40	2	4	37	79	24
Typhus - - -	0·8	-	-	-	-	-	-	-	-	Pneumonia - - -	122·7	99	22	29	5	13	15	13	-
Relapsing Fever † -	0·0	-	-	-	-	-	-	-	-	Pleurisy - - -	5·7	6	1	2	-	2	1	-	-
Intluenza - - -	0·2	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	47·5	29	4	9	2	-	2	9	3
Whooping-cough -	101·8	31	15	15	1	-	-	-	-	Dentition † - - -	18·3	12	7	5	-	-	-	-	-
Diphtheria - - -	15·3	21	-	18	6	-	-	-	-	Quinsy, Sore Throat †	1·7	1	1	-	-	-	-	-	-
Simple Continued and Ill-defined Fever - }	2·8	-	-	-	-	-	-	-	-	Enteritis - - -	7·1	9	2	-	1	-	3	3	-
Enteric Fever - - -	16·0	13	-	1	-	7	5	-	-	Peritonitis - - -	6·7	4	-	-	3	-	-	-	-
Cholera - - -	0·2	1	1	-	-	-	-	-	-	Diseases of Liver - - -	26·7	23	2	-	1	2	8	10	-
Diarrhoea, Dysentery -	14·5	10	5	2	-	-	2	1	-	Other Diseases of Digestive System - }	32·5	23	7	2	1	4	3	6	-
Remittent Fever † -	0·6	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	2·9	3	-	-	-	2	1	-	-
Hydrophobia - - -	0·0	-	-	-	-	-	-	-	-	Diseases of Urinary System - - -	43·6	34	-	-	-	8	9	17	-
Glanders - - -	0·1	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	5·8	4	-	-	-	1	3	-	-
Cowpox and Effects of Vaccination † - }	0·2	1	1	-	-	-	-	-	-	Accidents of Childbirth -	4·7	10	-	-	-	10	-	-	-
Veneral Affections -	9·9	11	7	2	-	1	-	1	-	Diseases of Locomotive System † - -	9·1	5	-	-	4	1	-	-	-
Erysipelas - - -	6·7	3	1	-	-	1	-	1	-	Diseases of Integumentary System - }	7·2	6	1	1	-	1	1	2	-
Pyæmia and Septicæmia †	2·0	-	-	-	-	-	-	-	-	VIOLENT DEATHS. ‡									
Puerperal Fever - -	7·6	5	-	-	1	4	-	-	-	ACCIDENT.)									
Other Zymotic Diseases †	2·4	1	-	1	-	-	-	-	-	Fracture and Contusion	21·3	17	-	-	1	2	9	4	1
Thrush - - -	2·7	1	1	-	-	-	-	-	-	Gunshot Wound - - -	9·0	-	-	-	-	-	-	-	-
Worms and other Parasitical Diseases - }	0·4	1	-	-	1	-	-	-	-	Cut, Stab - - -	0·3	-	-	-	-	-	-	-	-
Starvation, Want of Breast-milk † - }	2·1	1	1	-	-	-	-	-	-	Burn and Scald - - -	8·1	3	-	-	1	-	1	1	-
Alcoholism - - -	2·9	6	-	-	-	3	2	1	-	Poison - - -	2·4	1	-	1	-	-	-	-	-
Rheumatic Fever, Rheumatism of Heart †	7·9	2	-	-	1	-	1	-	-	Drowning - - -	4·5	4	-	-	-	-	3	1	-
Rheumatism † - - -	2·3	1	-	-	-	1	-	-	-	Suffocation - - -	16·6	9	7	1	-	-	1	-	-
Gout - - -	4·6	3	-	-	-	-	3	-	-	Otherwise - - -	2·6	2	1	-	-	1	-	-	-
Rickets † - - -	5·6	7	2	5	-	-	-	-	-	(HOMICIDE.)									
Cancer - - -	47·9	49	-	1	-	3	27	18	-	Murder & Manslaughter	1·6	1	-	-	-	-	1	-	-
Tabes Mesenterica -	23·7	28	18	7	1	-	2	-	-	(SUICIDE.)									
Tubercular Meningitis -	30·0	23	6	11	8	1	-	-	-	Gunshot Wound - - -	0·2	-	-	-	-	-	-	-	-
Phthisis - - -	179·0	158	3	3	7	13	63	9	-	Cut, Stab - - -	1·1	-	-	-	-	-	-	-	-
Scrofula, Tuberculosis -	16·8	18	6	6	2	4	-	-	-	Poison - - -	0·9	4	-	-	2	-	-	2	-
Other Constitutional Diseases † - }	9·4	6	-	-	3	1	-	2	-	Drowning - - -	1·6	-	-	-	-	-	-	-	-
Premature Birth - - -	34·9	49	49	-	-	-	-	-	-	Hanging - - -	2·1	1	-	-	-	-	1	-	-
Atelectasis † - - -	3·3	1	1	-	-	-	-	-	-	Otherwise - - -	0·3	2	-	-	-	-	1	1	-
Congenital Malformations - }	8·2	7	6	1	-	-	-	-	-	(EXECUTION.)									
Old Age - - -	64·1	61	-	-	-	-	-	26	33	Hanging - - -	0·0	-	-	-	-	-	-	-	-
Apoplexy - - -	47·2	54	-	-	1	4	18	27	4	OTHER CAUSES † - -	65·1	69	51	4	1	1	1	1	-
Epilepsy - - -	8·6	7	-	-	-	-	3	4	-										
Convulsions - - -	53·9	32	27	5	-	-	-	-	-										
Other Diseases of Brain and Nervous System †	103·3	104	17	18	7	6	14	38	4										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9·043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Popu- lation, 1881.	Total BIRTHS.	Total DEATHS.	The DEATHS registered in the Week include														
					Deaths of					Deaths from									
					Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes or Deaths.
LONDON		3,315,704	2511	1516	326	400	-	43	16	24	31	-	13	-	10	44	98	375	17
West Districts		663,693	368	274	54	79	-	10	1	8	5	-	3	-	1	8	16	63	3
North Districts		905,947	607	343	75	101	-	13	8	2	4	-	3	-	1	3	9	27	92
Central Districts		282,238	156	105	26	22	-	3	-	2	1	-	2	-	1	2	0	34	-
East Districts		692,738	475	281	47	33	-	4	1	4	-	-	3	-	2	7	20	77	1
South Districts		1,265,148	905	509	124	115	-	13	5	8	21	-	2	-	3	18	26	103	13
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
West Districts.																			
St. Mary Paddington WHH G.J. & W.M.		09888	47	30	9	7	-	2	-	1	-	-	-	-	-	3	4	3	-
St. John Paddington H - - G.J.		37330	14	17	3	7	-	-	-	-	-	-	-	-	-	1	2	12	-
Kensington Town WH - - W.M.		120141	58	40	8	14	-	-	-	2	-	-	-	-	-	1	2	1	-
Brompton H - - W.M. & C.		43010	11	14	1	5	-	-	-	-	-	-	-	-	-	1	1	-	-
St. Peter Hammersmith - - W.M.		7599	3	3	-	1	-	-	-	-	-	-	-	-	-	1	1	4	-
St. Peter Hammersmith H WHH G.J. & W.M.		64340	35	26	6	6	-	1	-	1	3	-	1	-	-	1	1	5	-
Fulham WHH - - W.M. & C.		42900	54	24	8	7	-	-	-	-	-	-	-	-	1	1	2	3	-
Chelsea South HHH - - C.		0396	17	16	6	2	-	-	-	1	1	-	1	-	-	1	1	9	-
Chelsea North-west WHHHH C.		21925	16	24	3	7	-	-	-	-	-	-	1	-	-	1	1	-	-
Chelsea North-east - - C.		32807	26	10	2	3	-	-	-	-	-	-	1	-	-	1	1	2	-
May Fair WH - - G.J.		80353	7	15	3	8	-	-	-	1	-	-	-	-	-	1	1	2	-
Belgrave WHH - - C.		52220	27	20	1	5	-	-	-	1	-	-	-	-	-	-	-	1	-
St. John Westminster HHH - - C.		35495	29	17	2	5	-	-	-	-	-	-	1	-	-	-	-	2	-
St. Margaret Westminster H - - C.		24679	8	7	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-
St. James Westminster WHH N.R. & G.J.		29941	11	8	2	1	-	2	-	-	-	-	-	-	-	1	1	1	-
St. Anne Soho HHHHHH - - N.R.		18608	5	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
North Districts.																			
All Souls Marylebone HHHH - W.M.		26759	17	15	2	2	-	1	-	-	-	-	-	-	-	1	2	9	-
Cavendish Square HHHH - W.M.		14381	4	1	1	-	-	-	-	-	-	-	-	-	-	1	2	3	-
Rectory Marylebone WH G.J. & W.M.		24909	9	12	1	7	-	-	-	-	-	-	-	-	-	1	1	4	-
St. Mary Marylebone HHH G.J. & W.M.		21118	25	7	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.		38700	15	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H - - W.M.		33633	14	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead WHHWHH N.R. & W.M.		45452	26	15	4	4	-	1	-	-	-	-	-	-	-	-	-	3	-
Regent's Park Paneras H - - W.M.		39115	25	8	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	23	18	1	3	-	-	2	-	-	-	1	-	-	1	2	7	-
Gray's Inn Lane HHH - - N.R.		80247	17	10	1	2	-	-	1	-	-	-	-	-	-	1	1	2	-
Somers Town H - - N.R.		34359	24	12	1	2	-	-	-	-	-	-	-	-	-	-	-	17	-
Camden Town WH - - N.R.		17311	15	21	3	12	-	1	-	-	-	-	-	-	1	-	-	6	-
Kentish Town WH - - N.R.		87487	65	27	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Upper Holloway WHWH - - N.R.		67946	55	45	11	12	-	4	-	-	-	-	1	-	-	1	2	20	-
Islington South-west HH - - N.R.		100976	67	27	10	5	-	-	-	-	-	-	-	-	-	1	7	-	-
Islington South-east - - N.R.		61825	34	15	4	6	-	-	-	-	-	-	-	-	-	1	1	-	-
Highbury H - - N.R.		52048	38	19	7	9	-	2	-	-	1	-	-	-	-	1	1	1	-
Stoke Newington H - - N.R.		22781	15	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - E.L.		9277	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney WH - - N.R.		37610	20	11	6	2	-	1	-	-	1	-	-	-	-	1	1	6	-
Hackney WHWH - - E.L. & N.R.		76911	63	45	9	9	-	1	7	-	-	-	1	-	2	1	1	19	-
South Hackney - - E.L.		39383	35	17	2	6	-	1	-	-	2	-	-	-	-	-	1	-	-
Central Districts.																			
St. George Bloomsbury - - N.R.		16681	5	6	3	1	-	-	-	-	-	-	1	-	-	-	-	3	-
St. Giles South WH - - N.R.		14664	5	8	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - N.R.		13837	5	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17508	8	7	-	1	-	1	-	-	-	-	-	-	-	1	2	4	-
St. Mary-le-Strand H - - N.R.		7515	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Dances H - - N.R.		8559	8	10	8	2	-	1	-	1	-	-	1	-	-	-	-	5	-
Strand Union Workhouse, Edmonton w.		-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
St. Geo.-the-Martyr HHHHHH N.R.		18671	11	8	2	3	-	-	-	-	-	-	-	-	-	-	1	2	-
St. Andrew Eastern W - - N.R.		10705	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Paulin Hill H - - N.R.		6533	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - - N.R.		17516	8	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - - N.R.		19281	9	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fentonville - - N.R.		14773	12	6	2	2	-	-	-	1	1	-	-	-	-	-	1	-	-
Goswell-street - - N.R.		17605	20	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street HHL - - N.R.		11341	7	2	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
City-road HHL - - N.R.		18023	22	7	2	2	-	-	-	-	-	-	-	-	-	-	-	4	-
Whitecross-street - - N.R.		9217	10	6	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - N.R.		7463	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mittham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R. & E.L.		11174	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripple-gate - - N.R.		7193	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - N.R.		5358	2	14	2	-	-	-	-	-	-	-	-	-	-	1	2	14	-
St. Bride W - - N.R.		8395	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - N.R.		13666	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.		5632	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., signifi-Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London; and K., the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, MEASLES, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 16th February, 1889.

		The DEATHS registered in the Week include															
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths from													
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																	
Holywell Shoreditch	N.R. & E.L.	7376	3	2	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Leonard Shoreditch	HL*	14967	10	6	-	2	-	-	-	-	-	-	-	-	-	-	2
Boston New Town	N.R.	29937	18	4	5	-	-	-	-	-	-	-	-	-	-	3	1
Boston Old Town	N.R.	28086	16	6	1	1	-	-	-	-	-	-	-	-	-	-	-
Baggerston WH	N.R. & E.L.	46275	28	14	2	3	-	-	-	-	-	-	-	-	1	1	6
Hackney-road H-	E.L.	29738	31	7	3	1	-	1	-	-	-	-	-	-	-	-	1
Green, Bethnal Green	WHL*	47932	38	25	1	9	-	-	-	-	-	-	-	-	1	1	11
Church, Bethnal Green	E.L.	29881	20	11	3	2	-	1	-	-	-	-	-	1	-	1	-
Town, Bethnal Green	E.L.	19810	17	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Hatfield	E.L. & N.R.	22585	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Mile End New Town W	E.L.	15473	16	4	-	1	-	-	-	-	-	-	-	-	-	1	3
Whitechapel Church H	E.L. & N.R.	17490	15	21	2	1	-	-	-	-	-	-	-	-	1	1	16
Goodman's Fields	E.L.	9713	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Algate	N.R. & E.L.	6102	4	2	-	2	-	-	-	-	-	-	-	-	1	1	-
St. George's, North	E.L.	88747	28	13	1	1	-	-	-	2	-	-	-	-	-	2	-
St. John, St. George East W	E.L.	8410	7	8	2	5	-	-	-	-	-	1	-	1	-	1	5
Hadwell HH	E.L. & N.R.	10395	4	4	1	1	-	-	-	-	-	-	-	-	-	-	3
Ratcliff	E.L.	16107	7	8	1	2	-	-	-	-	-	-	-	-	-	-	-
Shimshouse	E.L.	32041	27	10	4	2	-	-	-	-	-	-	-	-	-	1	-
Mile End Old Town West	E.L.	37960	25	8	3	3	-	-	-	-	-	-	-	-	-	1	-
Mile End Old Town East WWH	E.L.	37653	45	35	5	10	-	-	-	-	-	-	-	-	-	3	8
Bow	E.L.	37074	20	19	3	3	-	-	-	-	-	1	-	-	-	1	4
Bromley WWH	E.L.	64359	44	38	6	15	-	-	-	-	-	-	-	-	1	1	14
Poplar WWH	E.L.	55077	35	19	4	3	-	2	1	2	-	-	-	-	1	3	1
SOUTH DISTRICTS.																	
Brickchurch Southwark WH	L. & S.	15663	8	6	-	5	-	-	-	-	-	-	-	-	-	1	1
St. Saviour Southwark	S.	14929	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Cent-road	S. & L.	21331	12	7	1	1	-	1	-	-	-	-	-	-	1	-	-
Borough-road WH	S. & L.	15953	7	7	-	-	-	-	-	3	-	-	-	-	-	1	5
London-road HL	L. & S.	21318	19	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Trinity Newington	S. & L.	26672	13	9	5	2	-	-	-	-	-	1	-	-	-	-	-
St. Peter Walworth W	S. & L.	59555	40	18	8	2	-	-	-	-	2	-	-	-	-	-	4
St. Mary Newington	L. & S.	21623	21	3	1	1	-	-	-	-	-	-	-	-	-	-	-
St. Olave WH	S.	11958	12	18	4	-	-	-	-	1	-	-	-	-	1	12	1
Leather Market	S. & L.	16300	7	4	2	2	-	-	-	-	-	-	-	-	-	-	-
St. Mary Magdalen W	S.	15699	13	4	-	2	-	-	-	-	-	-	-	-	-	1	1
St. James Bermondsey	S.	54683	36	17	7	2	-	1	-	-	1	-	-	-	1	2	-
Southwark WH	S. & K.	36024	24	18	4	-	-	-	-	-	1	-	-	-	1	1	7
Vatelloo-road 1st H	L. & S.	15195	10	6	1	1	-	1	-	-	-	-	-	-	-	-	-
Vatelloo-road 2nd H	L. & S.	16331	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ambeth Church 1st H	L. & S.	19576	10	18	4	3	-	1	-	1	-	-	-	3	8	9	1
Ambeth Church 2nd W	L. & S.	39859	24	30	5	9	-	-	-	-	1	-	-	-	-	19	-
St. Martin 1st	S. & L.	45232	25	15	8	2	-	1	-	-	1	-	-	-	-	-	-
St. Martin 2nd	S. & L.	35533	38	8	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Martin WH	L. & S.	62537	27	25	7	7	-	-	-	-	2	-	-	-	1	1	-
St. Martin W	L.	18017	16	8	2	2	-	-	1	-	-	-	-	-	-	-	-
East Battersea	S.	54675	50	18	3	5	-	2	-	-	-	-	-	1	1	6	1
West Battersea WWH	S.	52887	47	25	5	4	-	-	-	-	2	-	-	-	-	-	-
Clapham H	S.	36380	18	14	5	5	-	-	-	-	-	2	-	-	1	2	-
Clapham WH	S.	28004	19	14	4	2	-	-	-	-	-	-	-	1	2	2	-
Clapham WH	S.	13535	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Clapham WH	L.	25533	15	10	4	4	-	-	-	-	-	-	-	-	-	-	1
Clapham WH	L. & S.	5390	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clapham WH	S. & L.	39104	40	37	5	12	-	1	-	3	-	-	-	-	1	20	1
Clapham WH	S., L., & K.	71069	48	29	6	7	-	3	-	-	-	-	-	2	2	-	-
Clapham WH	L. & S.	50810	40	21	5	4	-	-	1	-	2	-	-	-	1	1	2
St. Paul Deptford WWH	K.	37632	70	34	4	7	-	-	3	1	3	-	1	-	2	2	4
St. Nicholas Deptford	K.	7901	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Deptford West H	K.	21972	14	9	3	2	-	-	-	-	-	-	-	2	2	1	-
Deptford East WHH	K.	24603	31	17	5	4	-	-	-	-	-	-	-	-	-	12	-
Deptford H	K.	5043	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deptford H	K.	21569	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Deptford WH	K.	19865	12	7	4	1	-	-	-	-	-	-	-	-	-	-	-
Deptford H	L.	26076	9	9	2	3	-	-	-	-	-	-	-	-	-	-	1
Deptford H	K.	10930	7	8	2	1	-	-	-	-	1	-	-	-	-	-	1
Deptford Dockyard	K.	17617	7	1	1	2	-	-	-	-	-	-	-	-	-	-	-
Deptford Arsenal HH	K.	19043	15	12	1	2	-	-	-	-	-	-	-	2	2	-	-
Deptford West H	K.	14069	6	5	-	2	-	-	-	1	-	-	-	-	-	-	-
Deptford East W	K.	12941	30	6	1	2	-	-	-	-	-	-	-	-	-	2	-
Metropolitan Asylum Hospitals:																	
Dartford W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill W	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-
Plaistow W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they reside, and are indicated in the Table by w:-

Marlybone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in West Battersea sub-district.

Strand and Holborn Workhouses outside Registration London.

St. Saviour's Infirmary in Camberwell sub-district.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-

ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,

Edmonton, and West Ham sub-districts outside Registration London.

Area, Population, Births, Deaths, &c. in Outer Ring.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th February, 1889.

The DEATHS registered in the Week include																						
Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	Deaths of		Deaths from										Deaths in Public Institutions.	Uncertified Cause of Death.			
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING						370.924	950.957	723	378	87	106	-	6	1	4	13	3	4	11	21	31	12
30: 1	Carshalton wL	-	12228	21118	12	7	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of)* WwH	-	9971	10710	5	3	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
37: 1	Godstone (part of)*	-	2754	1235	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon WwHHL	-	20651	101241	57	38	7	10	-	1	-	-	3	-	-	1	2	3	-	-	-	-
2	Mitcham w†	-	11697	17932	6	9	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-
39: 1	Wimbledon HHH	-	3220	15350	13	3	-	2	-	-	-	-	1	-	1	-	-	-	-	2	1	-
2	Kingston WHH	-	8549	38351	23	27	8	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Esher (part of)*	-	6801	9221	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H	-	4573	13539	10	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond WH	-	2272	21302	12	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2	Mortlake	-	2941	12331	12	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* HH	-	15449	31142	22	11	1	2	-	-	-	1	-	-	-	1	1	1	1	-	-	-
2	Chislehurst (pt. of)* WHH	-	14307	15844	3	4	-	2	-	-	-	-	-	-	-	3	3	-	-	-	-	-
42: 1	Bexley H	-	13437	24134	10	12	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Dartford (Ww, pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w	-	11055	11835	10	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-
2	Staines W-	-	13277	12089	3	7	2	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
125: 1	Hillingdon WHH	-	6029	10302	6	3	2	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
2	Uxbridge	-	6178	5225	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL	-	14837	11523	9	6	1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
126: 1	Isleworth WHH	-	7003	22227	11	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham H-	-	2477	12479	8	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
3	Brentford HL	-	4345	27649	22	9	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-
4	Chiswick	-	13410	15975	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton wH	-	6963	22376	29	10	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
127: 1	Harrow H-	-	13909	12796	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H	-	6994	3749	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willersden	-	4933	27453	35	13	4	4	-	-	-	1	-	-	-	-	-	1	-	-	-	-
4	Hendon W	-	8332	10484	12	7	1	2	-	-	1	-	-	-	-	-	-	-	-	1	-	-
137: 1	Bushey	-	9331	6631	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)*	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
128: 1	South Mimms	-	15599	6331	5	5	-	4	-	-	-	-	-	-	-	1	-	1	-	-	-	-
2	Barnet	-	5433	10092	2	4	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
3	Finsbury HL	-	4438	17615	7	16	-	3	-	-	-	-	-	-	-	-	-	2	8	-	-	-
135: 1	Hatfield (part of)*	-	3206	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Hornsey H-	-	3039	37078	24	7	1	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham H	-	4642	48456	58	31	10	4	-	1	-	2	2	-	-	2	3	1	1	-	1	-
3	Edmonton Ww†	-	7453	23493	13	4	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
4	Enfield WH	-	12653	19104	13	6	1	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-
5	Waltham Abbey	-	11017	5343	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
6	Cheshunt	-	5490	7735	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
136: 1	Stratford	-	892	38806	23	16	7	2	-	-	-	4	-	1	-	1	-	1	-	-	-	-
2	West Ham wWwH†	-	7351	101053	121	42	10	11	-	1	-	-	-	-	-	1	2	-	-	-	5	-
3	Leyton WwL	-	4372	32430	43	18	6	2	-	1	-	1	-	-	-	-	-	-	2	3	-	-
4	Walthamstow H	-	6524	26964	21	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137: 1	Chigwell (part of)* H	-	11761	9634	4	2	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-
2	Epping (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Romford (part of)* W	-	6730	3411	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	-	8493	7645	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town	-	4127	9205	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district;
 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Highbury Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th February, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
			From All Causes.	From Diseases in Cols. 8-14.		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	17.5	1.6	1894	413	506	-	49	7	28	44	16	14	55	406		
INNER LONDON -	77,410	4,351,738	18.2	1.6	1516	326	400	-	43	16	24	31	13	10	44	375		
OUTER RING -	370,924	1,290,277	15.3	1.3	378	87	106	-	6	1	4	13	3	4	11	31		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700'522 square miles, which is equivalent to the area of a circle having a radius of 14'933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,540,696 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	January 22	-	-	-	-	-	-	-	-	-	-	-
MADRAS -	398,777	" 4	296	402	52.4	-	5	?	?	?	100	75†	
PARIS -	2,260,945	February 9	1339	1013	23.3	1	36	3	36*	9	12	52	
RUSSIA -	462,069	" 9	270	201	22.6	-	2	-	-	1	2	13	
(with 8 Faubourgs.)													
AMSTERDAM -	390,016	" 9	282	179	23.3	-	17	-	6	4	2	-	
ROTTERDAM -	197,723	" 9	153	101	26.5	-	1	-	-	1	-	-	
THE HAGUE -	153,410	" 9	122	50	17.3	-	-	-	-	-	-	-	
COPENHAGEN -	307,000	" 2	207	115	19.5	-	-	-	1	1	2	5	
STOCKHOLM -	221,549	" 2	144	87	20.4	-	-	3	6*	-	-	3	
CHRISTIANIA -	135,600	" 9	94	55	21.1	-	1	2	5	1	-	6	
ST. PETERSBURG	842,883	" 2	-	578	35.8	-	-	18	8	1	23	77	
BERLIN -	1,470,582	January 26	921	597	21.1	-	11	4	28	11	5	35	
HAMBURG(State)	550,694	February 2	388	321	30.4	-	-	2	14*	4	2	43	
DRESDEN -	264,196	" 2	164	101	19.9	?	-	-	7*	?	-	3	
BRISLAU -	313,451	" 9	202	177	29.6	-	1	-	8*	-	-	11	
MUNICH -	281,000	" 2	195	175	32.4	-	5	4	8*	3	-	21	
VIENNA -	811,434	" 2	647	413	23.3	-	2	5	14	4	5	21	
PRAGUE -	300,828	" 2	-	182	31.6	25	8	1	6	1	5	3	
BUDA-PESTH -	452,907	" 2	389	255	29.3	-	1	3	6	1	6	20	
TRIESTE -	158,084	" 2	-	108	35.5	4	-	-	3*	-	1	1	
ROME -	402,232	December 22	288	247	32.0	4	7	-	6	1	16†	6	
TURIN (10 days)	294,826	January 10	-	-	-	-	-	-	-	-	-	-	
VENICE -	153,218	" 26	84	79	29.9	1	2	-	-	-	-	10	
CAIRO -	374,938	" 24	438	312	43.4	-	-	-	4*	4	18	100	
ALEXANDRIA -	231,396	" 24	247	225	50.7	1	4	-	-	-	10	44	
NEW YORK -	1,549,500	" 26	-	753	25.4	-	22	55	40	12	9	8	
BROOKLYN -	814,505	" 26	-	360	23.1	-	14	11	33	6	1	2	
PHILADELPHIA -	1,040,245	" 26	-	355	17.8	-	-	9	12	4	10	3	
BALTIMORE -	500,343	" 26	-	157	16.4	-	-	2	2	-	5	3	

* Including deaths from croup.

† Including 3 deaths from Cholera.

‡ Including 6 deaths from Malarial Fever.

1889.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th FEBRUARY, 1889.
[Under the Superintendence of the Astronomer Royal.]

TABLE 9.—METEOROLOGICAL OBSERVATIONS UNDER THE SUPERINTENDENCE OF THE ASTRONOMER ROYAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1889. MONTH AND DAY.		Phases of the Moon.		TEMPERATURE.										TEMPERATURE.						Wind as deduced from Anemometers.				Rain collected in a Gauge receiving surface is 5 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				BARO- METER.		TEMPERATURE.				Difference between the Air, Temperature and Dew Point Temperature.		Degree of Humidity on the Scale of Fahrenheit (100).		Of Radiation.		Of the Waters at Dep't.		Oster's.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Mean daily range.	Mean daily average value.	Daily Range.	Mean daily average value.	De- parture from average value. 0 years.	High. est.	Low. est.	Mean daily value.	Greatest est.	Least.	High- est in Sun's Ray.	Lowest est. in Grass.	High- est.	Low- est.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hours obs.	Horizontal range of the Air on each Day.			Depar- ture of the Average on each 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 29 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1878.

— "in reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are +—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.77 in. at the beginning of the week to 29.05 in. by 3h. P.M. on the 10th; increased to 30.13 in. by 9h. P.M. on the 12th; decreased to 29.23 in. by 3h. P.M. on the 14th; increased to 30.03 in. by 9h. A.M. on the 15th; and decreased to 29.92 in. by 3h. P.M. on the 16th.

GENERAL REMARKS.

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Sunshine, in hours.	Horizontal Sun, in hours.
SUNDAY		0.0	9.6
MONDAY		0.0	9.7
TUESDAY		3.3	9.8
WEDNESDAY	Instrument under adjustment.	0.0	9.8
THURSDAY		0.0	9.9
FRIDAY		5.4	9.9
SATURDAY		0.0	10.0
MEANS		Sum 8.7	Sum 65.7

Fine in morning; overcast from noon. Snow commenced melting shortly before 1h. P.M., and continued to fall during the remainder of the day.

Overcast generally. Snow fell throughout the morning. The total depth of snow on the ground amounted to 6 inches.

Fine; partially cloudy. Very cold in morning.

Very cold in morning. Overcast generally. Snow fell between 1h. A.M. and 1h. P.M., and continued to rain, which continued to fall all night.

Overcast, gloomy, and rainy till evening; fine at night.

Variable amounts of cloud prevailed till afternoon; cloudless afterwards. A fine day.

Fine in early morning; overcast and showery till evening; cloudless and fine at night.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 8. 1889. VOL. L.] WEEK ENDING SATURDAY, FEBRUARY 23. [Price 1½d.

*General Register Office, Somerset House,
25th February, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·9 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.		Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.
Birkenhead	30·5	20·9	21·4	17·8	Liverpool -	20·9	23·8	21·0	19·7
Birmingham	18·7	18·7	17·4	20·2	London -	18·8	17·5	13·2	18·8
Blackburn -	33·6	32·3	28·4	27·5	Manchester -	25·5	26·4	29·3	28·6
Bolton -	20·0	20·0	22·7	20·5	Newcastle-on-Tyne*	24·0	24·0	26·3	23·0
Bradford*	16·9	17·1	21·5	15·1	Norwich -	28·7	16·0	22·6	21·5
Brighton -	16·7	11·1	16·7	10·7	Nottingham -	20·0	17·6	20·6	15·6
Bristol -	19·1	19·1	23·2	18·7	Oldham -	22·7	23·1	23·5	28·2
Cardiff*	23·1	20·8	19·0	22·2	Plymouth -	14·7	28·0	14·0	17·3
Derby -	20·1	21·2	18·0	27·0	Portsmouth -	14·4	14·0	18·5	18·8
Halifax -	19·3	20·6	15·4	19·3	Preston -	22·5	26·0	24·0	29·0
Huddersfield	20·2	18·0	21·9	17·4	Salford*	23·4	20·5	24·9	20·9
Hull -	14·8	15·3	17·6	16·8	Sheffield -	20·9	22·5	21·5	20·4
Leeds -	20·7	16·3	18·2	20·9	Sunderland -	19·4	17·9	21·4	22·2
Leicester*	17·7	13·2	13·9	20·8	Wolverhampton -	24·0	22·1	18·3	24·7

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·8 in Salford, 1·9 in Wolverhampton, 2·0 in Bristol, 2·5 in Manchester, 3·7 in Oldham, and 5·2 in Blackburn; from *scarlet fever*, 1·7 in Blackburn; and from *whooping-cough*, 1·5 in Oldham and in Preston, and 2·2 in Nottingham. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 39 deaths from *diphtheria* in these towns included 27 in London, 6 in Salford, and 2 in Manchester. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2695 BIRTHS and 1567 DEATHS were registered. Allowing for increase of population, the births were 210, and the deaths 276, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·5 and 18·2 in the two preceding weeks, further rose last week to 18·8. During the first eight weeks of the current quarter the death-rate averaged 20·0 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1567 deaths included 70 from *measles*, 14 from *scarlet fever*, 27 from *diphtheria*, 31 from *whooping-cough*, 1 from *typhus*, 8 from *enteric fever*, 16 from

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

diarrhœa and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 167 deaths were referred to these diseases, being 49 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 12. No small-pox patient was under treatment at the end of the week either in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had declined in the six preceding weeks from 176 to 43, rose again last week to 70, and exceeded the corrected average by 37; 11 belonged to Islington, 4 to Bethnal Green, 7 to Bermondsey, 8 to Lambeth, 5 to Battersea, and 6 to Camberwell sanitary areas. The 14 deaths from *scarlet fever* showed a decline of 2 from the number in the previous week, and were 17 below the corrected average; 3 belonged to Hackney, and 3 (including 2 at 102, St. Ann's Road) to Mile End Old Town sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 643 scarlet fever patients, against numbers ranging in the fourteen preceding weeks from 980 to 653; 53 cases were admitted during the week, against 65, 52, and 43 in the three previous weeks. The fatal cases of *diphtheria*, which had been 24 in each of the two preceding weeks, were last week 27, and exceeded the corrected average by 11; 5 belonged to Kensington, 2 to Hackney, 2 to St. George-in-the-East, 2 to Stepney, 2 to Poplar, 2 to Newington, and 4 to Lambeth sanitary areas. The 31 fatal cases of *whooping-cough* corresponded with the number in the previous week, and were 63 below the corrected average; 8 belonged to the West and 11 to the South groups of sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 18 and 10 in the two previous weeks, were last week 16, and exceeded the corrected average by one.

The deaths referred to *enteric fever*, which had been 5 and 13 in the two previous weeks, declined again last week to 8, and were 6 below the corrected average. The death of a child aged 11 years, at 11, Cavendish Grove, Lambeth, was attributed to *typhus*. The Metropolitan Asylum Hospitals contained 48 cases of enteric fever, and one of typhus on Saturday last; 3 cases of enteric fever were admitted during the week, against 5 and one in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 340 and 376 in the two preceding weeks, declined again last week to 362, and were 138 below the corrected average.

Different forms of violence caused 65 deaths; 57 were the result of negligence or accident, among which were 22 from fractures and contusions, 12 from burns and scalds, 3 from drowning, and 16 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the street; 2 by accidents on railway; 1 by fall from crane; 2 by fall in street; 3 by fall down stairs or steps; 2 by fall on board ship; 1 (intoxicated) by fall on fender; 1 by fall from bed; 2 by fall, the nature of which was not stated; and 3 by fracture, the cause of which was not stated. An inquest was held in each of these 22 cases, except in one of the last three. Six cases of suicide were registered, the corrected average being 8.

The death of a female, aged 30 years, who had worked for 17 years in a match factory, was referred to "necrosis (phosphorous) of right side of upper jaw, pyæmia."

GREATER LONDON.

In Greater London 3563 births and 1948 deaths were registered, corresponding to annual rates of 33·0 and 18·0 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 7 from whooping-cough, and 5 from "fever" were registered. Five fatal cases of measles occurred in West Ham and 3 in Hoxsey sub-districts; and 2 deaths from "fever" were returned in Croydon sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·04 ins.; the highest reading was 30·30 ins. on Monday at noon, and the lowest 29·76 ins. on Wednesday evening. The mean temperature of the *air* was 41·4, and 2°·1 above the average in the corresponding weeks of the 20 years ending 1868. The mean exceeded the average on each of the first four, and were below the average on each of the last three days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 15·2 miles per hour, which was 2·8 miles above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·05 of an inch. The duration of registered bright sunshine in the week was 14·9 hours, against 14·5 hours at Glynde Place, Lewes.

TABLE 2. LONDON.—Births and Deaths Registered in the EIGHTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2497	2746	2632	2812	2755	2538	2709	2712	2769	2473	2905.3	2695
Males . .	1222	1432	1348	1449	1385	1226	1406	1402	1363	1208	1476.6	1341
Females . .	1275	1314	1284	1363	1370	1212	1303	1310	1406	1265	1428.7	1354
TOTAL Deaths	1645	1662	1525	1941	1554	1552	1569	1988	1691	1772	1812.8	1567
Males . .	819	872	817	961	807	817	823	1006	847	874	942.5	762
Females . .	826	790	708	980	747	735	746	982	844	898	900.3	805

*The numbers in this column are the average weekly numbers in the eighth weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	
TOTAL Births	-	2367	2644	2291	2655	1876	2855	2668	2837	2599	2662	2772	2511	2695	
TOTAL Deaths	-	1352	1461	1455	1802	1641	1784	2075	1769	1620	1570	1460	1516	1567	
Ages at	{ 0—20 years	-	701	765	720	888	779	825	850	776	709	714	650	655	666
	{ 20—40 "	-	164	177	178	197	173	204	218	197	162	158	181	182	202
	{ 40—60 "	-	217	243	247	286	277	308	333	288	280	270	243	279	278
	{ 60—80 "	-	223	228	251	356	335	366	506	428	394	338	313	332	337
Death	{ at 80 years & upwds.	-	47	48	59	75	77	81	118	80	75	90	73	78	84
"	{ Under 1 year	-	327	375	307	390	345	372	373	373	325	370	324	326	344
	{ 1—5 "	-	288	296	314	375	341	338	370	315	281	250	233	247	233
	{ 5—20 "	-	86	94	99	123	93	115	107	88	103	94	93	82	84
Deaths from Small-pox															
"	" Measles	-	141	139	154	184	147	143	176	121	83	71	56	43	70
"	" Scarlet fever	-	24	30	17	25	20	12	17	19	20	11	12	16	14
"	" Diphtheria	-	34	35	39	39	34	33	21	38	33	38	24	24	27
"	" Whooping-cough	-	20	13	14	25	28	32	37	36	24	38	33	31	31
"	" Typhus	-	-	1	-	-	-	-	-	-	-	-	-	-	1
"	" Enteric fever	-	11	12	18	12	8	14	10	7	10	10	5	13	8
"	" Simple Contag. fever	-	1	-	-	-	-	1	1	-	1	1	-	-	-
"	" Diarrhoea and Dysentery	-	13	19	11	16	14	11	12	11	24	13	13	10	16
"	" Cholera	-	1	-	-	-	-	-	1	-	-	-	-	1	-
"	" all the above-mentioned Diseases	-	245	249	253	301	251	246	275	232	195	182	148	138	167
"	" Dis. of Respiratory System	-	258	277	330	440	412	484	652	492	456	409	340	376	362
"	" Phthisis	-	136	144	1	153	152	154	187	136	152	138	140	158	156
"	" Dis. of Circulatory System	-	96	101	109	127	130	160	195	155	141	142	132	120	130
Violent Deaths		-	54	62	40	81	52	61	58	63	50	55	49	44	65
Inquest Cases		-	103	110	86	154	107	132	143	121	102	104	91	98	114
Deaths in Public Institutions		-	311	302	353	395	335	360	398	386	401	382	314	375	354
TEMPERATURE OF THE AIR															
Mean		-	45.7	49.1	38.3	40.4	42.5	31.8	35.3	37.8	38.5	43.1	35.6	34.3	41.4
Mean of Highest readings		-	49.6	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9	40.9	47.3
Mean of Lowest readings		-	41.6	43.6	27.9	36.0	36.6	27.1	30.9	34.0	33.6	36.5	30.2	27.1	36.2
Humidity of the Air		-	89	87	93	94	90	93	93	87	93	88	81	84	81
Rain-fall in inches		-	1.77	0.17	0.00	0.13	0.66	0.00	0.49	0.62	0.15	0.22	0.80	1.19	0.05
Registered Sunshine (in hours)		-	6.0	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4	8.7	14.9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; T. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Macleanborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lvall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 8th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 23rd February 1889.										CAUSES OF DEATH.	Corrected Averages for the 8th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 23rd February 1889.									
			Deaths of Persons of the Ages												Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
				0-1.	1-6.	5-20.						0-1.							1-6.	5-20.				
ALL CAUSES - -		1842.8	1567	344	238	84	202	278	337	84	Diseases of Organs of Special Sense † - -	1.8	2	-	2	-	-	-	-	-	-	-	-	
Small-pox	Vaccinated † - - Unvaccinated † - - No Statement	12.0	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	129.8	130	6	1	7	18	39	50	9	-	-		
Measles - - -		32.7	70	21	44	5	-	-	-	-	Croup - - -	16.2	8	-	8	-	-	-	-	-	-	-		
Scarlet Fever - - -		30.8	14	-	8	5	1	-	-	-	Bronchitis - - -	814.5	219	50	26	4	4	27	81	17	-	-		
Typhus - - -		0.5	1	-	-	1	-	-	-	-	Pneumonia - - -	116.2	99	18	25	5	9	19	21	2	-	-		
Relapsing Fever † - -		0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - }	46.8	32	8	6	1	1	7	8	1	-	-		
Infuenza - - -		0.2	-	-	-	-	-	-	-	-	Dentition † - -	18.4	14	10	4	-	-	-	-	-	-	-		
Whooping-cough - -		93.7	31	14	17	-	-	-	-	-	Quinsy, Sore Throat † -	2.1	3	1	2	-	-	-	-	-	-	-		
Diphtheria - - -		15.7	27	1	16	10	-	-	-	-	Enteritis - - -	6.3	10	3	-	1	4	-	2	-	-	-		
Simple Continued and Ill-defined Fever - }		1.4	-	-	-	-	-	-	-	-	Peritonitis - - -	7.5	6	1	-	-	1	3	1	-	-			
Enteric Fever - - -		13.7	8	-	1	2	3	1	1	-	Diseases of Liver - - -	30.0	29	2	1	-	5	12	9	-	-	-		
Cholera - - -		0.3	-	-	-	-	-	-	-	-	Other Diseases of Digestive System - }	32.3	28	5	1	-	7	7	7	1	-	-		
Diarrhoea, Dysentery -		14.8	18	10	2	-	-	-	3	1	Diseases of Lymphatic System & of Ductless Glands † - -	2.0	2	-	-	-	1	1	-	-	-			
Remittent Fever † - -		0.5	1	-	-	-	1	-	-	-	Diseases of Urinary System - - -	39.6	30	1	1	1	6	9	10	2	-	-		
Hydrophobia - - -		0.0	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	5.5	3	-	-	-	1	-	2	-	-			
Glanders - - -		0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth -	3.9	6	-	-	-	6	-	-	-	-	-		
Cowpox and Effects of Vaccination † - - }		0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - -	7.2	6	2	1	-	1	1	1	-	-	-		
Veneral Affections -		11.1	7	3	1	-	1	1	1	-	Diseases of Integumentary System - - }	6.1	3	2	-	-	-	-	1	-	-	-		
Erysipelas - - -		5.3	1	-	-	-	-	-	1	-	VIOLENT DEATHS.‡													
Pyæmia and Septicæmia †		3.8	1	-	-	-	-	-	1	-	ACCIDENT.)													
Puerperal Fever - - -		6.3	6	-	-	-	6	-	-	-	Fracture and Contusion -	17.8	22	-	-	2	3	5	5	4	-	-		
Other Zymotic Diseases †		2.1	1	-	1	-	-	-	-	-	Gunshot Wound - - -	0.1	-	-	-	-	-	-	-	-	-	-		
Thrush - - -		2.1	1	1	-	-	-	-	-	-	Cut, Stab - - -	0.3	-	-	-	-	-	-	-	-	-	-		
Worms and other Parasitical Diseases - - }		0.2	1	-	-	-	1	-	-	-	Burn and Scald - - -	7.5	12	1	2	4	2	-	3	-	-	-		
Starvation, Want of Breast-milk † - - }		1.5	2	2	-	-	-	-	-	-	Poison - - -	1.4	1	-	-	-	1	-	-	-	-	-		
Alcoholism - - -		4.3	3	-	-	-	1	2	-	-	Drowning - - -	5.6	3	-	-	-	1	2	-	-	-	-		
Rheumatic Fever, Rheumatism of Heart†		7.9	9	-	-	2	6	1	-	-	Suffocation - - -	13.8	17	16	-	-	-	-	1	-	-	-		
Rheumatism † - - -		5.5	2	-	-	-	1	1	-	-	Otherwise - - -	2.5	2	-	-	-	1	1	-	-	-	-		
Gout - - -		4.0	3	-	-	-	-	1	2	-	(HOMICIDE.)													
Rickets † - - -		4.7	3	1	2	-	-	-	-	-	Murder & Manslaughter -	1.3	2	-	-	-	2	-	-	-	-	-		
Cancer - - -		52.7	73	-	-	-	9	36	23	5	(SUICIDE.)													
Tabes Mesenterica - -		23.0	17	8	9	-	-	-	-	-	Gunshot Wound - - -	0.9	-	-	-	-	-	-	-	-	-	-		
Tubercular Meningitis -		23.2	15	4	8	3	-	-	-	-	Cut, Stab - - -	1.1	1	-	-	-	-	-	-	1	-	-		
Phthisis - - -		185.5	153	2	4	13	77	53	7	-	Poison - - -	2.1	2	-	-	-	2	-	-	-	-	-		
Serofula, Tuberculosis -		16.7	17	5	6	1	4	1	-	-	Drowning - - -	1.2	1	-	-	-	1	1	-	-	-	-		
Other Constitutional Diseases † - - }		10.8	12	-	1	2	1	6	2	-	Hanging - - -	1.9	1	-	-	-	-	1	-	-	-	-		
Premature Birth - - -		38.7	39	39	-	-	-	-	-	-	Otherwise - - -	0.7	-	-	-	-	-	-	-	-	-	-		
Atelectasis † - - -		2.9	3	3	-	-	-	-	-	-	(EXECUTION.)													
Congenital Malformations - }		7.1	9	9	-	-	-	-	-	-	Hanging - - -	0.0	-	-	-	-	-	-	-	-	-	-		
Old Age - - -		63.6	71	-	-	-	-	-	34	37	OTHER CAUSES † - -	84.1	55	44	7	-	-	2	2	-	-	-		
Apoplexy - - -		48.2	43	-	-	1	3	13	25	1														
Epilepsy - - -		8.2	8	-	-	1	-	3	4	-														
Convulsions - - -		51.7	50	40	8	2	-	-	-	-														
Other Diseases of Brain and Nervous System †		102.3	92	11	10	9	10	18	23	5														

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 2.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION		Enu- merated Popu- lation, 1881.	Total BIRTHS.	Deaths of		Deaths from												Deaths in Public Institutions.	Uncertified Causes of Death.
SUB-DISTRICTS.				Total DEATHS.	Infants under 1 Year of Age.	Persons aged 40 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON		3,815,704	2695															1567	344	421	-	70	14	27	31	1	8	-	16	65	114	354	17
WEST DISTRICTS		663,633	384	293	62	86	-	10	1	7	3	-	2	-	4	6	15	83	3
NORTH DISTRICTS		905,947	592	358	70	102	-	17	7	4	5	-	3	-	4	10	21	78	-
CENTRAL DISTRICTS		282,238	146	96	23	30	-	3	-	-	1	-	-	-	2	7	10	25	2
EAST DISTRICTS		692,738	559	295	65	70	-	4	4	5	6	-	1	-	2	20	33	83	1
SOUTH DISTRICTS		1,365,148	1014	527	124	183	-	36	2	11	11	1	2	-	4	22	32	85	11
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.		69888	44	36	6	15	-	-	-	1	2	-	-	-	-	1	1	9	-
St. John Paddington H - - G.J.		37390	18	19	2	4	-	-	-	-	-	-	-	-	-	1	1	2	8
Kensington Town H - - W.M.		120141	71	49	12	15	-	-	-	4	-	-	1	-	-	1	3	14	-
Brompton H - - W.M. & C.		49010	14	9	2	1	-	-	-	-	-	-	-	-	-	-	2	-	-
St. Peter Hammermith - - W.M.		7699	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammermith H W.M. & G.J.		64340	53	33	10	10	-	1	-	1	3	-	-	-	1	-	-	-	-
Fulham H - - W.M. & C.		42900	49	32	7	5	-	-	-	-	3	-	1	-	1	-	2	9	-
Chelsea South HHH - - C.		6396	17	13	2	6	-	1	-	-	-	-	-	-	-	-	1	2	-
Chelsea North-west WHHHH - C.		24925	9	19	3	6	-	-	-	-	-	-	-	-	1	-	-	9	-
Chelsea North-east - - C.		32807	20	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair W - - G.J.		80353	3	21	3	10	-	-	-	-	1	-	-	-	-	2	1	15	1
Belgrave WHH - - C.		59220	32	25	7	3	-	3	-	-	1	-	-	-	-	1	5	9	1
St. John Westminster HHH - C.		34595	19	10	-	4	-	3	-	-	-	-	-	-	-	-	-	-	-
St. Margaret Westminster H - C.		24679	9	5	2	2	-	-	-	-	-	-	-	-	-	-	-	4	-
St. James Westminster WHH N.R. & G.J.		29941	14	10	1	4	-	2	-	-	-	-	-	-	-	-	-	2	1
St. Anne Soho HHHHHH - N.R.		18608	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.		26759	13	13	-	2	-	-	-	-	-	-	1	-	-	1	1	9	-
Cavendish Square HHHH - W.M.		14391	2	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rectory Marylebone WHH G.J. & W.M.		24809	6	8	3	4	-	-	-	-	-	-	-	-	-	-	-	4	-
St. Mary Marylebone HHH G.J. & W.M.		21118	31	6	2	3	-	-	-	-	-	-	-	-	-	-	-	1	-
Christchurch Marylebone HHH - W.M.		83700	18	6	3	-	-	-	-	-	-	-	-	-	-	2	2	-	-
St. John Marylebone H - - W.M.		53635	19	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead WWHHHH N.R. & W.M.		45452	31	19	4	4	-	-	-	-	1	-	-	-	1	-	-	1	-
Regent's Park Paneras H - - W.M.		39115	12	16	3	4	-	2	1	-	-	-	-	-	-	1	1	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	11	17	3	3	-	-	-	-	-	-	-	-	-	1	2	8	-
Gray's Inn Lane HHH - - N.R.		34369	22	9	1	2	-	-	-	-	-	-	-	-	-	1	2	-	-
Somers Town H - - N.R.		34369	26	14	2	6	-	1	-	-	1	-	-	-	-	1	1	2	-
Camden Town WH - - N.R.		17811	10	14	3	9	-	-	-	-	-	-	-	-	-	-	2	11	-
Kentish Town W - - N.R.		87487	56	34	4	11	-	-	-	-	2	-	-	-	2	1	3	5	-
Upper Holloway WWHH - - N.R.		67046	61	45	6	12	-	9	-	-	1	-	-	-	-	1	1	21	-
Islington South-west HHH - - N.R.		100976	63	26	9	5	-	1	-	-	-	-	-	-	1	1	6	-	-
Islington South-east - - N.R.		61825	46	24	6	8	-	-	-	-	-	-	1	-	-	-	-	-	-
Highbury H - - N.R.		52048	28	12	3	3	-	1	-	-	-	-	-	-	-	-	-	1	-
Stoke Newington H - - N.R.		22781	11	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - - E.L.		9277	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.		37610	23	18	2	7	-	1	1	2	-	-	-	-	-	-	1	1	-
Hackney WWHWH - - E.L. & N.R.		76911	65	40	6	8	-	2	4	2	-	-	-	-	-	-	1	-	-
South Hackney - - E.L.		39988	32	12	2	4	-	-	1	-	-	-	1	-	-	-	-	13	-
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.		16681	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.R.		14864	12	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - N.R.		13837	2	6	-	4	-	2	-	-	-	-	-	-	-	-	-	2	-
St. Martin-in-the-Fields HH N.R. & C.		17509	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H - - N.R.		7515	4	3	2	1	-	-	-	-	-	-	-	-	-	1	2	2	-
St. Clement Danes H - - N.R.		8559	2	8	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-
Strand Union Workhouse, Edmonton co.		-	-	3	-	3	-	-	-	-	-	-	-	-	-	1	1	3	-
St. Geo. the Martyr HHHHHH N.R.		18671	12	8	2	2	-	-	-	-	-	-	-	-	-	-	-	8	-
St. Andrew Eastern W - - N.R.		10706	8	6	3	1	-	-	-	-	1	-	-	-	-	-	-	1	-
Saffron Hill H - - N.R.		6583	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-
St. James Clerkwell - - N.R.		17516	13	8	4	1	-	-	-	-	-	-	-	-	-	1	-	-	-
Anwell Clerkwell - - N.R.		19281	9	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - - N.R.		14773	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - - N.R.		17506	11	4	1	2	-	1	-	-	-	-	-	-	-	-	1	1	-
Old-street H - - N.R.		11541	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
City-road HHL - - N.R.		18628	22	4	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-
Whitecross-street - - N.R.		9217	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1
Finsbury - - N.R.		7463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham, co.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R. & E.L.		11174	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - N.R.		7193	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - N.R.		6558	2	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - - N.R.		8396	6	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - - N.R.		13666	4	-	-	-	-	-	-	-	-	-	-	-	-	3	8	9	-
Broad Street H - - N.R.		6662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-
house; H—Hospital; L—Lunatic Asylum; W—A Workhouse Establishment receiving inmates from other Districts than that in which it stands.
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London;
and K. the Kent Company.

be following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *:-		
Marylebone Infirmary in Kensington Town sub-district.		Stepney Workhouse in Bromley sub-district.
General London Sick Asylum in Tottenham Court-road sub-district.		Poplar & Stepney Sick Asylum " "
Holloway Infirmary in Upper Holloway sub-district.		" Eastern Marine Union Industrial School in West Battersea sub-district.
London City Workhouse " Essex-street sub-district.		Strand and Holborn Workhouses outside Registration London.
Holborn " " Boxton New Town sub-district.		St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.		Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
LONDON CITY " " Mile End Old Town Eastern sub-dist.		
" " " Ludlow-street sub-district.		
* Private Lunatic Asylum in Whitechapel sub-district.		

Area, Population, Births, Deaths, &c. in Outer Ring.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd February, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public institutions.	Uncertified Causes of Death.				
LONDON—OUTER RING						370,924	950,957	863	381	95	95	-	12	1	3	7	5	5	7	14	49	10
30: 1	Carshalton <i>W L</i> -	12223	21118	10	16	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-
2	Epsom (part of)* <i>W W H</i>	9971	10710	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (part of) * -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon <i>W W H L</i> -	20851	101241	65	43	8	15	-	-	-	-	1	2	-	2	2	9	1	-	-	-	
2	Mitcham <i>W</i> † -	11697	17932	17	3	1	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	
39: 1	Wimbledon <i>H H H</i> -	3220	15350	9	11	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>W H H</i> -	8549	36354	35	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Esher (part of) * -	6901	9221	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	18539	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>W H</i> -	2372	21302	14	9	1	4	-	-	-	-	-	1	1	-	-	-	-	-	-	-	
2	Mortlake -	2941	12331	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of) * <i>H H</i>	15889	31142	22	6	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
2	Chislehurst (pt. of)* <i>W H H</i>	14307	15844	11	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42: 1	Rexley <i>H</i> -	18437	24134	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>W W</i> , pts. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>W</i> -	11055	11685	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	9	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>W H H</i> -	6029	10302	7	6	1	2	-	-	-	-	1	-	-	1	1	-	-	-	-	-	
2	Uxbridge -	6178	3225	2	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
3	Hayes <i>W H L</i> -	14537	11523	4	7	1	1	-	-	-	-	-	1	-	-	-	-	-	-	3	-	
126: 1	Isleworth <i>W H H</i> -	7004	22727	25	8	1	3	-	-	-	-	-	-	-	1	-	-	-	-	4	-	
2	Twickenham <i>H</i> -	2477	12479	5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>H L</i> -	4345	27349	12	11	6	3	-	-	-	-	-	1	1	-	-	-	-	-	-	-	
4	Chiswick -	1849	15975	15	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>W H</i> -	6043	22378	20	18	3	4	-	-	-	-	-	-	-	-	-	2	2	-	-	-	
127: 1	Harrow <i>H</i> -	12909	12793	8	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	52	12	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8332	10434	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	Bushey -	9331	6821	1	5	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	South Mimms -	15592	4331	3	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10932	9	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>H L</i> -	4438	17615	16	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
135: 1	Hatfield (part of) * -	3306	543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3039	37078	32	9	1	1	-	3	-	-	2	-	-	-	-	-	-	-	-	-	
2	Tottenham <i>H</i> -	4942	41455	69	22	6	6	-	-	-	1	-	-	-	-	-	-	-	-	2	-	
3	Edmonton <i>W W</i> † -	7453	23443	22	9	1	-	-	1	-	-	-	-	-	-	-	-	-	-	3	-	
4	Enfield <i>W H</i> -	12653	19104	26	13	7	2	-	-	-	-	-	-	1	2	2	1	-	-	-	-	
5	Waltham Abbey -	11017	5333	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8490	7735	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
136: 1	Stratford -	382	38605	33	13	2	-	-	1	-	-	-	-	-	-	2	3	-	-	1	3	
2	West Ham <i>W W W W H</i> † -	7351	101053	135	43	13	5	-	5	1	-	-	-	-	-	-	-	-	-	1	3	
3	Leyton <i>W W L</i> -	4372	32430	37	22	4	9	-	-	-	-	-	-	-	-	-	2	5	2	-	-	
4	Walthamstow <i>H</i> -	6590	28869	41	15	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Chigwell (part of)* <i>H</i>	11761	9639	11	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford (part of)* <i>W</i>	6730	3411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	4	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	3203	15	5	1	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30: 2, Epsom sub-district, except the parishes of Asnstead and Hendley (pop. 1235); 37: 1, the parishes of Warrincham and Farley in Gidea sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 2751); 139: 1, the parish of Dagenham in Romford sub-district.
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).
 ‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospitals, Winchmore Hill (see Table 5).
 § Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd February, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1869.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	18.0	1.8	1948	439	516	-	82	15	30	38	14	21	72	403	
INNER LONDON -	77,410	4,351,738	18.8	2.0	1567	344	421	-	70	14	27	31	9	16	65	354	
OUTER RING -	370,924	1,290,277	15.4	1.3	331	95	95	-	12	1	3	7	5	5	7	49	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,552,268 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA - -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY - -	773,196	January 29	325	450	26.0	-	12	?	?	?	136	53†	
MADRAS - -	398,777	" 11	283	333	43.4	1	1	?	?	?	53	81†	
PARIS - -	2,260,945	February 16	1235	1037	23.9	1	35	3	41*	10	17	49	
BRUSSELS - (with 8 Faubourgs.)	462,069	" 16	265	207	23.3	-	2	-	-	4	-	7	
AMSTERDAM -	390,016	" 16	274	213	27.7	-	14	-	3	3	2	-	
ROTTERDAM -	197,723	" 16	159	87	22.8	-	-	-	-	1	-	2	
THE HAGUE -	153,410	" 16	125	68	23.1	-	-	-	-	1	-	-	
COPENHAGEN -	307,000	" 9	200	114	19.4	-	-	-	5	6	1	1	
STOCKHOLM -	221,549	" 9	136	92	21.6	-	-	4	3*	-	3	6	
CHRISTIANIA -	135,609	" 16	58	58	22.2	-	1	2	4	1	1	4	
ST. PETERSBURG	842,883	" 9	-	590	36.5	-	2	11	6	6	18	76	
BERLIN - -	1,470,582	" 2	976	607	21.5	-	5	11	27	12	2	39	
HAMBURG (State)	550,694	" 9	449	298	28.2	-	2	2	9*	4	3	54	
DRESDEN - -	264,196	" 9	171	111	21.8	?	-	1	6*	?	-	-	
BRESLAU - -	313,451	" 16	225	155	26.0	-	-	-	11*	2	-	12	
MUNICH - -	281,000	" 9	194	151	27.9	-	6	2	13*	-	-	9	
VIENNA - -	811,434	" 9	466	398	25.6	1	10	4	6	3	2	29	
PRAGUE - -	300,828	" 9	-	182	31.6	27	5	1	8	3	5	6	
BUDA-PESTH -	452,907	" 9	320	292	33.5	-	1	2	6	2	13	23	
TRIESTE - -	158,084	" 9	-	96	31.6	4	-	-	5*	-	-	-	
ROME - -	462,232	December 29	274	188	24.4	2	4	1	5	1	52	8	
TURIN (10 days)	306,398	January 10	232	183	21.8	2	2	-	9	-	1	13	
VENICE - -	153,218	February 2	64	107	36.4	1	2	-	2*	1	2	5	
CAIRO - -	374,838	January 31	455	291	40.5	-	-	-	1	2	18	89	
ALEXANDRIA -	231,396	" 31	242	235	53.0	-	3	-	1	2	5	60	
NEW YORK -	1,549,500	February 2	-	733	26.4	-	29	44	33	16	5	19	
BROOKLYN -	814,505	" 2	-	333	21.6	-	6	5	35	9	1	1	
PHILADELPHIA -	1,040,245	" 2	-	399	20.0	-	-	9	11	-	25	1	
BALTIMORE -	500,343	" 2	-	189	16.6	-	-	-	1	1	3	-	

* Including deaths from croup.

† The deaths returned under "Diarrhoeal Diseases" include 13 from Cholera in Bombay, and 5 in Madras.

‡ Including 4 deaths from Malarial Fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH,
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Corrections have been applied to the readings to obtain the mean daily values. The means of the observations are usually taken at 9h, A.M.; noon; 3h, P.M.; and 9h, P.M. The means of the day-observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1885 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Gishner's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1885, and that of horizontal movement of the air from a discussion of the anemometric cords for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower" than the average.

- "lower," than the average. The thermometers in the water of the Thames are suspended at a depth of two feet below the surface. The thermometers of the Foreign Cattle Market at Denford and the pond of the jetties of the

the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the

The record of Electricity is derived from Thomson's self-registering Electrometer. The Corporation of London.

The record on brevity is as follows:
symbols employed are :—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the aggregate duration of bright sunshine on each day.

The reading of the barometer increased from 29·83 in. at the beginning of the week to 30·50 in. civil day, or from midnight to midnight.

DATE. FEBRUARY.	ELECTRICITY. (For explanation of symbols, see Note.)	REGISTERED		GENERAL REMARKS.
		Sun- shine, in hours.	Horizon, in hours.	
SUNDAY . 17		3.9	10.1	Fine; partially cloudy. Mild.
MONDAY . 18		3.4	10.1	Fine and partially cloudy in morning; generally overcast afterwards. Mild.
TUESDAY . 19		0.0	10.2	Overcast generally. Mild.
WEDNESDAY . 20	Instruments under adjustment.	0.4	10.3	Generally cloudy. Showery in afternoon and evening.
THURSDAY . 21		1.2	10.3	Partially cloudy in morning; overcast in afternoon, with occasional showers of rain and snow; fine and generally cloudless at night.
FRIDAY . 22		1.7	10.4	Generally cloudy. A little rain and sleet in afternoon and evening.
SATURDAY . 23		1.3	10.5	Fine in morning; generally clear afterwards. Occasional slight falls of snow in afternoon. A cold day.
		Sum 14.9	Sum 71.9	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
4th March, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·7 per 1000 of their aggregate population, which is estimated at *9,555,403 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.		Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.
Birkenhead	20·9	21·4	17·8	20·4	Liverpool -	23·8	21·0	19·7	24·0
Birmingham	18·7	17·4	20·2	18·9	London -	17·5	18·2	18·8	17·6
Blackburn -	32·3	28·4	27·5	28·4	Manchester -	26·4	29·3	28·6	25·3
Bolton -	20·0	22·7	20·5	21·4	Newcastle-on-Tyne*	24·0	26·3	23·0	26·3
Bradford* -	17·1	21·5	15·1	18·9	Norwich -	16·0	22·6	21·5	17·7
Brighton -	11·1	16·7	10·7	14·6	Nottingham -	17·6	20·6	15·6	19·5
Bristol -	19·1	23·2	18·7	17·7	Oldham -	23·1	23·5	28·2	23·5
Cardiff* -	20·8	19·0	22·2	15·3	Plymouth -	28·0	14·0	17·3	28·0
Derby -	21·2	18·0	27·0	16·9	Portsmouth -	14·0	18·5	18·8	18·5
Halifax -	20·6	15·4	19·3	23·8	Preston -	26·0	24·0	29·0	33·6
Huddersfield	18·0	21·9	17·4	22·5	Salford* -	20·5	24·9	20·9	22·0
Hull -	15·3	17·6	16·8	15·3	Sheffield -	22·5	21·5	20·4	23·9
Leeds -	16·3	18·2	20·9	20·3	Sunderland -	17·9	21·4	22·2	19·1
Leicester* -	13·2	13·9	20·8	19·1	Wolverhampton -	22·1	18·3	24·7	21·5

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·8 in Bolton, 2·5 in Birkenhead, 3·1 in Leicester, 3·9 in Blackburn, and 4·0 in Salford; from *whooping-cough*, 1·9 in Cardiff, 2·0 in Nottingham, and 4·0 in Preston; and from *scarlet fever*, 1·1 in Oldham, and 1·7 in Blackburn. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 40 deaths from *diphtheria* in these towns included 25 in London, 4 in Salford, 3 in Manchester, and 2 in Oldham. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2608 BIRTHS and 1472 DEATHS were registered. Allowing for increase of population, the births were 306, and the deaths 375, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·5, 18·2, and 18·8 in the three preceding weeks, declined again last week to 17·6. During the first nine weeks of the current quarter the death-rate averaged 19·8 per 1000, and was 3·7 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1472 deaths included 67 from measles, 12 from scarlet fever, 25 from diphtheria, 31 from whooping-cough, 1 from typhus, 6 from enteric fever, 18 from diarrhoea and dysentery, and not one from small-pox, ill-defined forms of fever, or cholera; thus, 160 deaths were referred to these diseases, being 48 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 15; only one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 43 and 70 in the two previous weeks, were last week 67, and exceeded the corrected average by 33; 4 belonged to St. George Hanover Square, 6 to Westminster, 5 to Islington, 4 to Hackney, 4 to Newington, 4 to St. Olave Southwark, and 7 to Bermondsey sanitary areas. The 12 deaths from *scarlet fever* showed a further decline from recent weekly numbers, and were 13 below the corrected average; 3 belonged to Poplar sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 616 scarlet fever patients, against numbers ranging in the fifteen preceding weeks from 180 to 643; 41 cases were admitted during the week, against 43 and 53 in the two previous weeks. The fatal cases of *diphtheria*, which had been 24 and 27 in the two preceding weeks, were last week 25, and exceeded the corrected average by 10; 2 belonged to Kensington, 3 to Strand, 2 to Shoreditch, 2 to Stepney, 2 to Newington, and 2 to Lambeth sanitary areas. The 31 fatal cases of *whooping-cough* corresponded with the number in the previous week, and were 59 below the corrected average; 4 belonged to Clerkenwell, 3 to Battersea, 4 to Camberwell, and 4 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 18, 10, and 16 in the three preceding weeks, rose again last week to 18, and exceeded the corrected average by 3.

The deaths referred to *enteric fever*, which had been 13 and 8 in the two previous weeks, further declined last week to 6, and were 6 below the corrected average; 2 belonged to Camberwell sanitary area. The death of a hawker, aged 70 years, at 2, Globe Street, Newington, was attributed to *typhus*. The Metropolitan Asylum Hospitals contained 52 cases of enteric fever, and one of typhus on Saturday last; 7 cases of enteric fever were admitted during the week, against 1 and 3 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 340, 376, and 362 in the three preceding weeks were again 362 last week, and were 141 below the corrected average.

Different forms of violence caused 57 deaths; 48 were the result of negligence or accident, among which were 17 from fractures and contusions, 9 from burns and scalds, 2 from drowning, and 14 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—2 by accidents from vehicles in the street; 1 by being knocked down by bicycle; 5 by fall down stairs; 1 by fall down ship's-hold; 1 by fall down lift; 1 by fall from roof; 1 by fall from wall; 1 by fall from barge; 1 by fall in house; 1 by fall in street; 1 by fracture, the nature of which was not stated; and 1 by accident on railway. An inquest was held in each of these 17 cases, except the last. Nine cases of suicide were registered, the corrected average being 7.

GREATER LONDON.

In Greater London 3406 births and 1857 deaths were registered, corresponding to annual rates of 31·5 and 17·2 per 1000 of the estimated population. In the Outer Ring 11 deaths from whooping-cough, 7 from measles, and 6 from diphtheria were registered. The deaths from measles included 3 in Carshalton and 2 in Hornsey sub-districts; and diphtheria caused 3 deaths in Wimbledon and 2 in Tottenham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 ins.; the highest reading was 30·05 ins. at the beginning of the week, and the lowest 29·40 ins. on Wednesday afternoon. The mean temperature of the *air* was 32°·8, and 7°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest days being Thursday and Saturday. The general direction of the *wind* was N.N.E., and the horizontal movement of the air averaged 10·2 miles per hour, which was 3·2 miles below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·13 of an inch. The duration of registered bright sunshine in the week was 7·6 hours, against 11·3 hours at Glynde Place, Lewes.

TABLE I.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 2nd March, 1889.

CITIES AND BOROUGHES.	COLS.	The Deaths registered in the Week include														TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHES.	
		Registered during the Week ending 2nd Mar., 1889.		Deaths of Persons aged 1 Year of Age.		Deaths from								Mean.		In Inches.		In Centi- metres.							
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Deaths from				Fahrenheit.	Centigrade.	From All Causes.	From Deaths in Cols. 1-12.								
										Rever.	Diarrhoea.	Violence.	Inquest Cases.						Deaths in Public Institutions.	Uncertified Causes of Death.					
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.			17.	18.	19.	20.	21.	22.	23.	24.	COLS.
28 TOWNS*	9,555,406	5592	3604	871	840	-	186	50	40	91	22	43	119	236	638	87	19.7	2.4	49.0	20.0	33.0	0.56	0.19	0.48	- 28 TOWNS.
LONDON	4,351,758	2608	1472	349	384	-	67	12	25	31	7	18	57	118	353	18	17.6	1.9	39.6	27.6	32.8	0.44	0.13	0.33	LONDON.
BRIGHTON	121,807	58	34	6	14	-	2	-	-	-	-	-	1	2	10	1	14.6	1.5	37.0	28.8	32.6	0.33	0.08	0.20	BRIGHTON.
PORTSMOUTH	141,253	108	50	11	16	-	-	-	1	2	-	-	1	2	8	-	18.5	1.7	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	64,510	54	32	4	12	-	1	-	-	1	-	-	-	3	3	-	17.7	1.7	-	-	-	-	-	-	NORWICH.
PLYMOUTH	78,225	46	42	6	12	-	-	-	2	-	-	-	1	3	3	-	28.0	1.3	41.0	28.2	33.8	1.00	0.00	0.00	PLYMOUTH.
BRISTOL	259,361	134	78	21	22	-	6	1	-	-	1	3	1	8	9	3	17.7	2.5	40.4	29.0	33.2	0.67	0.09	0.23	BRISTOL.
WOLVERHAMPTON	82,544	55	34	7	13	-	-	-	-	-	-	-	2	6	6	-	21.5	0.6	36.9	26.2	31.7	-0.17	0.03	0.08	WOLVERHAMPTON.
BIRMINGHAM	454,835	254	165	51	29	-	6	2	-	9	-	4	6	7	24	6	18.9	2.4	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER	160,520	99	55	12	13	-	9	-	-	-	-	1	3	8	9	1	19.1	3.5	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	108	89	30	23	-	2	1	1	9	1	-	2	4	7	3	19.5	3.1	38.8	27.3	32.4	0.22	0.15	0.33	NOTTINGHAM.
DERBY	18,529	47	32	6	8	-	-	-	-	-	-	-	1	2	3	10	16.9	1.1	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,511	68	40	11	8	-	5	-	1	1	1	1	1	1	4	-	20.4	3.6	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	349	279	52	48	-	19	4	1	7	4	1	9	9	50	17	24.0	3.1	39.8	28.0	33.0	0.56	0.06	0.15	LIVERPOOL.
BOLTON	114,670	68	47	18	9	-	4	2	-	-	-	-	1	2	5	2	21.4	2.7	-	-	-	-	-	-	BOLTON.
MANCHESTER	578,800	227	184	42	32	-	10	5	3	2	1	2	2	10	29	5	25.3	3.2	-	-	-	-	-	-	MANCHESTER.
SALFORD	234,283	118	99	18	11	-	18	4	4	2	2	2	2	2	14	1	22.0	7.1	-	-	-	-	-	-	SALFORD.
OLDHAM	149,405	89	64	16	12	-	4	3	2	1	-	1	2	5	5	1	23.5	4.0	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	84	66	23	8	-	9	4	-	3	-	-	1	2	1	2	28.4	6.9	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	61	67	18	14	-	3	-	-	8	-	1	2	4	6	1	33.6	6.0	-	-	-	-	-	-	PRESTON.
HUDERSFIELD	92,525	45	40	14	10	-	2	1	1	1	1	-	-	-	3	2	22.5	2.8	-	-	-	-	-	-	HUDERSFIELD.
HALIFAX	81,080	36	37	5	13	-	-	-	-	-	-	-	-	1	5	1	23.8	0.6	-	-	-	-	-	-	HALIFAX.
BRADFORD	225,056	121	85	21	35	-	-	-	-	1	-	2	2	10	11	1	18.9	0.7	39.2	26.6	33.1	0.61	0.10	0.25	BRADFORD.
LEEDS	357,449	194	139	28	21	-	10	3	1	2	-	3	7	13	18	-	20.3	2.8	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,927	171	150	48	20	-	8	4	-	2	4	1	8	10	16	13	23.9	3.0	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	61	12	14	14	-	-	-	-	-	-	-	4	4	4	6	15.3	0.0	40.0	20.0	31.8	-0.11	0.55	1.40	HULL.
SUNDERLAND	134,193	90	40	13	14	-	-	-	-	-	-	-	1	7	6	1	19.1	1.2	49.0	28.0	34.3	1.23	0.91	2.31	SUNDERLAND.
NEWCASTLE	160,983	107	81	20	18	-	-	1	-	3	-	-	4	6	15	1	26.3	1.3	40.0	28.0	33.8	1.00	0.00	0.00	NEWCASTLE.
L'ARDEFF*	112,712	74	33	9	6	-	-	-	4	-	-	1	-	-	3	2	15.3	2.3	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,600	142	101	18	24	-	-	1	2	-	-	2	3	?	20	18	19.7	0.8	38.4	25.2	32.9	0.50	0.23	0.53	EDINBURGH.
GLASGOW	528,144	371	282	53	35	-	8	4	5	19	2	-	12	?	39	31	27.9	6.6	43.3	25.1	34.6	1.39	0.23	0.33	GLASGOW.
DUBLIN	353,082	139	172	31	41	-	2	-	-	-	-	-	3	4	57	21	25.4	2.1	48.7	26.4	34.6	1.44	0.41	1.04	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the NINTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2602	2777	2620	2589	2773	2751	2623	2640	2572	2778	2914.3	2608
Males . .	1350	1446	1348	1291	1386	1407	1378	1392	1267	1439	1494.4	1321
Females .	1252	1331	1272	1298	1387	1344	1245	1248	1305	1339	1419.9	1287
TOTAL Deaths	1771	1607	1633	1790	1590	1483	1495	2143	1635	1794	1817.4	1472
Males . .	917	810	850	868	795	768	751	1027	812	910	927.8	737
Females .	854	797	783	922	795	715	744	1116	823	884	919.6	735

* The numbers in this column are the average weekly numbers in the ninth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.
TOTAL Births	2644	2291	2655	1876	2855	2668	2837	2599	2662	2772	2511	2695	2608
TOTAL Deaths	1461	1455	1802	1641	1784	2075	1769	1620	1570	1460	1516	1567	1472
Ages at Death													
{ 0–20 years	765	720	888	779	825	850	776	709	714	650	655	666	681
{ 20–40 "	177	178	197	173	204	218	197	162	153	181	182	202	153
{ 40–60 "	243	247	286	277	303	333	288	230	270	243	279	278	254
{ 60–80 "	228	251	356	335	366	506	428	394	338	313	322	337	314
{ at 80 years & upwds.	48	59	75	77	81	118	80	75	90	73	78	84	70
" Under 1 year	375	307	390	345	372	373	373	325	370	324	326	341	349
" 1–5	296	314	375	341	338	370	315	231	250	233	247	238	257
" 5–20	94	99	123	93	115	107	88	103	94	93	82	84	75
Deaths from Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
" Measles	139	154	184	147	143	176	121	83	71	56	43	70	67
" Scarlet fever	30	17	25	20	12	17	19	20	11	12	16	14	12
" Diphtheria	35	39	39	34	33	21	38	33	38	24	24	27	25
" Whooping-cough	13	14	25	28	32	37	36	24	33	33	31	31	31
" Typhus	1	—	—	—	—	—	—	—	—	—	—	1	1
" Enteric fever	12	18	12	8	14	10	7	10	10	5	13	8	6
" Simple Cont ^d fever	—	—	—	—	1	1	—	1	1	—	—	—	—
" Diarrhœa and Dysentery	19	11	16	14	11	12	11	24	13	13	10	16	18
" Cholera	—	—	—	—	—	1	—	—	—	—	1	—	—
" all the above-mentioned Diseases	249	253	301	251	246	275	232	195	182	148	138	167	160
" Dis. of Respiratory System	277	330	440	412	484	652	492	456	409	340	376	362	362
" Phthisis	144	1	153	152	154	187	136	152	138	140	153	156	127
" Dis. of Circulatory System	101	109	127	130	160	195	155	141	142	132	120	130	116
Violent Deaths	62	40	81	52	61	58	63	50	55	49	44	65	57
Inquest Cases	150	86	154	107	132	143	121	102	104	91	98	114	118
Deaths in Public Institutions	302	353	395	335	360	398	386	401	382	314	375	353	353
TEMPERATURE OF THE AIR													
Mean	49.1	38.3	40.4	42.5	31.8	35.3	37.8	33.5	43.1	35.6	34.3	41.4	32.8
Mean of Highest readings	54.0	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9	40.9	47.3	37.7
Mean of Lowest readings	43.6	27.9	36.0	36.6	27.1	30.9	34.0	33.6	36.5	30.2	27.1	36.2	29.8
Humidity of the Air	87	93	94	90	93	93	87	93	88	81	84	81	83
Rain-fall in inches	0.17	0.00	0.13	0.66	0.00	0.49	0.02	0.15	0.22	0.80	1.19	0.05	0.13
Registered Sunshine (in hours)	11.5	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4	8.7	14.9	7.6

METEOROLOGICAL OBSERVATIONS. (See TABLE 2.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 9th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 2nd March 1889.										CAUSES OF DEATH.	Corrected Averages for the 9th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 2nd March 1889.																		
		Deaths of Persons of the Ages												Deaths of Persons of the Ages																		
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.															
			0-1.	1-5.	5-20.						0-1.							1-5.	5-20.													
ALL CAUSES - -	1847.4	1472	349	257	75	153	254	314	70		Diseases of Organs of Special Sense † - -	2.9	1	-	-	1	-	-	-	-		Diseases of Circulatory System - - -	127.7	116	-	-	9	22	32	43	7	
Small-pox { Vaccinated † - - - Unvaccinated - - - No Statement - - -	14.8 {	-	-	-	-	-	-	-	-		Croup - - -	14.5	18	1	10	2	-	-	-	-		Bronchitis - - -	835.1	220	55	87	2	5	34	75	12	
Measles - - -	33.9	67	13	59	4	-	-	-	-		Pneumonia - - -	103.0	94	23	34	6	12	10	8	1		Pleurisy - - -	7.2	5	-	-	1	-	4	-	-	
Scarlet Fever - - -	25.2	12	1	7	4	-	-	-	-		Other Diseases of Respiratory System - -	43.0	30	4	6	2	5	3	9	1		Dentition † - - -	17.7	12	6	6	-	-	-	-	-	
Typhus - - -	0.7	1	-	-	-	-	-	-	1		Quinsy, Sore Throat † -	3.2	4	1	3	-	-	-	-	-		Enteritis - - -	4.6	5	1	-	2	2	-	-	-	
Relapsing Fever † - -	0.0	-	-	-	-	-	-	-	-		Peritonitis - - -	6.4	8	-	-	1	3	1	3	-		Diseases of Liver - - -	81.0	24	1	-	3	12	6	2	-	
Influenza - - -	0.3	-	-	-	-	-	-	-	-		Other Diseases of Digestive System - -	31.0	18	1	2	1	3	4	7	-		Diseases of Lymphatic System & of Ductless Glands † - - -	1.7	1	-	-	-	1	-	-	-	
Whooping-cough - -	90.2	31	10	21	-	-	-	-	-		Diseases of Urinary System - - -	43.1	37	-	1	3	3	13	17	-		Diseases of Generative System - - -	7.7	7	1	-	-	2	2	2	-	
Diphtheria - - -	15.0	25	-	17	6	1	1	-	-		Accidents of Childbirth -	5.3	6	-	-	-	3	3	-	-		Accidents of Childbirth -	5.3	6	-	-	-	3	3	-	-	
Simple Continued and Ill-defined Fever - -	1.7	-	-	-	-	-	-	-	-		Diseases of Locomotive System † - - -	11.0	4	-	-	2	-	1	1	-		Diseases of Integumentary System - - -	6.9	2	-	-	-	-	1	1	-	
Enteric Fever - - -	12.0	6	-	-	8	3	-	-	-		VIOLENT DEATHS.‡											ACCIDENT.)										
Cholera - - -	0.0	-	-	-	-	-	-	-	-		Fracture and Contusion -	20.0	17	-	-	3	1	5	3	5		Gunshot Wound - - -	0.2	-	-	-	-	-	-	-	-	
Diarrhoea, Dysentery -	14.6	18	9	4	-	2	2	1	-		Cut, Stab - - -	0.3	-	-	-	-	-	-	-	-		Burn and Scald - - -	8.6	9	1	5	2	1	-	-	-	
Remittent Fever † - -	0.2	-	-	-	-	-	-	-	-		Poison - - -	1.4	1	-	-	-	-	-	-	-		Drowning - - -	4.7	2	-	-	-	-	2	-	-	
Hydrophobia - - -	0.2	-	-	-	-	-	-	-	-		Suffocation - - -	15.2	13	14	1	1	-	-	-	-		Otherwise - - -	2.6	1	-	-	-	-	1	-	-	
Glanders - - -	0.0	-	-	-	-	-	-	-	-		(HOMICIDE.)											Murder & Manslaughter -	0.7	-	-	-	-	-	-	-	-	
Cowpox and Effects of Vaccination † - -	0.2	-	-	-	-	-	-	-	-		(SUICIDE.)											Gunshot Wound - - -	0.9	1	-	-	-	-	1	-	-	
Veneral Affections -	11.4	14	13	-	1	-	-	-	-		Cut, Stab - - -	1.2	2	-	-	-	-	-	-	-		Poison - - -	1.7	8	-	-	-	2	1	-	-	
Erysipelas - - -	7.1	3	1	1	-	-	-	1	-		Drowning - - -	1.6	-	-	-	-	-	-	-	-		Hanging - - -	1.5	3	-	-	-	-	1	2	-	
Erysipelas and Septicæmia †	3.3	1	-	-	1	-	-	-	-		Otherwise - - -	0.3	-	-	-	-	-	-	-	-		Otherwise - - -	0.3	-	-	-	-	-	-	-	-	
Puerperal Fever - - -	7.9	-	-	-	-	-	-	-	-		(EXECUTION.)											Hanging - - -	0.0	-	-	-	-	-	-	-	-	
Other Zymotic Diseases †	1.8	1	-	1	-	-	-	-	-		OTHER CAUSES † - -	64.7	60	89	2	1	1	4	3	-												
Thrush - - -	2.1	1	1	-	-	-	-	-	-																							
Worms and other Parasitical Diseases - -	0.7	-	-	-	-	-	-	-	-																							
Starvation, Want of Breast-milk † - -	1.8	2	2	-	-	-	-	-	-																							
Alcoholism - - -	3.8	4	-	-	-	1	2	1	-																							
Rheumatic Fever, Rheumatism of Heart†	8.4	4	-	-	2	1	1	-	-																							
Rheumatism † - - -	2.1	2	-	-	-	-	1	1	-																							
Gout - - -	3.8	3	-	-	-	-	1	2	-																							
Rickets † - - -	4.0	2	1	1	-	-	-	-	-																							
Cancer - - -	50.3	42	-	-	4	23	16	-	-																							
Tabes Mesenterica - -	27.6	23	12	7	1	3	-	-	-																							
Tubercular Meningitis -	31.2	23	4	14	3	1	1	-	-																							
Phthisis - - -	183.1	127	1	2	9	56	46	13	-																							
Scrofula, Tuberculosis -	17.0	15	6	7	1	-	1	-	-																							
Other Constitutional Diseases † - -	12.8	12	-	1	-	1	4	6	-																							
Premature Birth - - -	36.1	53	53	-	-	-	-	-	-																							
Atelectasis † - - -	1.5	1	1	-	-	-	-	-	-																							
Congenital Malformations - -	8.0	7	7	-	-	-	-	-	-																							
Old Age - - -	61.2	57	-	-	-	-	-	28	29																							
Apoplexy - - -	48.9	50	-	-	3	16	27	4	-																							
Epilepsy - - -	8.0	3	-	-	-	1	1	1	-																							
Convulsions - - -	58.6	60	52	8	-	-	-	-	-																							
Other Diseases of Brain and Nervous System	101.7	83	9	9	5	7	17	23	7																							

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																			
		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
REGISTRATION SUB-DISTRICTS.																					
LONDON		8,815,704	2608	1472	340	384	-	67	12	25	31	1	6	-	18	57	118	353	18		
West Districts		689,638	392	284	68	78	-	16	1	4	2	-	1	-	1	10	19	78	1		
North Districts		905,947	577	314	76	79	-	12	2	3	3	-	-	-	4	8	24	62	-		
Central Districts		282,238	141	103	27	19	-	4	-	5	5	-	-	-	3	7	13	80	2		
East Districts		692,738	552	256	57	74	-	5	3	6	5	-	1	-	3	15	32	85	-		
South Districts		1,285,148	946	514	121	134	-	30	5	7	16	1	4	-	7	17	80	97	15		
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION LONDON		-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		69893	37	16	8	1	-	-	-	-	-	-	-	-	-	1	2	3	4	-	
St. John Paddington H - - G.J.		37330	13	12	1	4	-	-	-	-	-	-	-	-	-	-	2	3	6	-	
Kensington Town W - - W.M.		120141	57	43	8	18	-	-	-	1	-	-	-	-	-	-	3	3	16	-	
Brompton H - - W.M. & C.		43010	12	13	4	1	-	-	-	-	-	-	-	-	-	-	1	6	-	-	
St. Peter Hammersmith - - W.M.		7599	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	49	34	12	10	-	1	-	1	1	-	1	-	-	-	1	3	-	-	
Fulham W - - W.M. & C.		42900	55	42	11	10	-	1	1	1	1	-	-	-	-	-	1	1	-	-	
Chelsea South HHH - - C.		6399	19	11	3	4	-	-	-	-	-	-	-	-	-	-	-	1	10	-	
Chelsea North-west WHHHH - - C.		21925	21	17	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-east - - C.		32307	20	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.		30353	7	16	2	5	-	-	-	-	-	-	-	-	-	-	-	-	11	-	
Belgrave WHHH - - C.		59220	41	33	12	7	-	4	-	-	1	-	-	-	-	-	1	2	6	-	
St. John Westminster HHH - - C.		35499	22	11	1	1	-	3	-	-	-	-	-	-	-	-	-	1	-	-	
St. Margaret Westminster H - - C.		24679	9	10	1	1	-	2	-	-	-	-	-	-	-	-	-	3	-	-	
St. James Westminster WHH N.R. & G.J.		29941	11	14	-	6	-	3	-	-	-	-	-	-	-	-	-	3	1	-	
St. Anne Soho HHHHHH - - N.R.		16608	10	6	2	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		26759	10	14	2	2	-	-	-	1	-	-	-	-	-	1	1	6	-	-	
Cavendish Square HHHH - - W.M.		14591	5	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Rectory Marylebone WH G.J. & W.M.		24869	16	4	1	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	39	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.		33700	20	12	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. John Marylebone H - - W.M.		33633	15	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WWHHHH N.R. & W.M.		45452	24	15	5	7	-	-	-	-	-	-	-	-	1	-	1	3	-	-	
Regent's Park Pancras H - - W.M.		59115	21	6	-	2	-	1	-	-	-	-	-	-	-	1	1	7	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	8	13	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
Gray's Inn Lane HHH - - N.R.		30247	13	12	2	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
Somers Town H - - N.R.		34369	26	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Somers Town H - - N.R.		17311	16	12	3	6	-	-	-	-	-	-	-	-	-	-	-	9	-	-	
Camden Town WH - - N.R.		17311	16	12	3	6	-	-	-	-	-	-	-	-	-	-	-	9	-	-	
Kentish Town W - - N.R.		87487	41	28	6	6	-	1	-	-	1	-	-	-	1	-	3	2	-	-	
Upper Holloway WWHH - - N.R.		67946	64	50	8	11	-	5	-	-	1	-	-	-	-	1	2	19	-	-	
Islington South-west HH - - N.R.		100976	62	34	9	10	-	-	-	-	-	-	-	-	-	2	4	-	-	-	
Islington South-east - - N.R.		61825	86	13	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Highbury H - - N.R.		52045	25	6	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Stoke Newington H - - N.R.		22781	14	7	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Stamford Hill - - E.L.		9277	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.		37610	20	10	3	2	-	1	-	1	-	-	-	-	-	-	-	1	-	-	
Hackney WWHH - - E.L. & N.R.		75911	62	40	9	11	-	2	2	1	1	-	-	-	-	3	6	10	-	-	
South Hackney - - E.L.		39388	23	13	2	8	-	1	-	-	-	-	-	-	-	-	1	-	-	-	
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.R.		16681	4	4	-	2	-	-	-	-	1	-	-	-	-	-	-	1	-	-	
St. Giles South WH - - N.R.		14564	8	7	2	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Giles North - - N.R.		13837	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	6	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand H - - N.R.		7515	2	3	3	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-	
St. Clement Danes H - - N.R.		8559	3	9	1	1	-	2	-	2	-	-	-	-	-	-	-	6	1	-	
Strand Union Workhouse, Edmonton w.		-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	1	1	5	-	
St. Geo.-the-Martyr HHHHHH N.R.		18671	5	11	1	5	-	-	-	1	-	-	-	-	-	-	-	-	3	-	
St. Andrew Eastern W - - N.R.		10706	7	6	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
Saffron Hill H - - N.R.		6538	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.		17516	16	7	5	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.R.		19231	11	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.		14773	10	9	1	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	
Goswell-street - - N.R.		17506	10	3	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Old-street H - - N.R.		11541	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.		18628	11	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Whitecross-street - - N.R.		9217	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.		7463	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.		11174	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Cripplegate - - N.R.		7193	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - N.R.		5358	1	12	1	1	-	-	-	-	2	-	-	-	-	-	-	2	10	-	
St. Bride W - - N.R.		8396	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - N.R.		13666	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
Broad Street H - - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London; and K., the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 2nd March, 1889.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Deaths.	Deaths from														
				Deaths o-														
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Anthrax.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- sumed fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																		
Tollywell Shoreditch	N.R. & E.L.	7376	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	HL*	14967	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Boxton New Town	-	25937	22	12	1	6	-	-	-	-	-	-	-	-	-	-	1	7
Boxton Old Town	-	28036	17	6	2	3	-	-	-	-	-	-	-	-	-	-	2	-
Jaggerston	WH	46275	51	22	9	3	1	-	2	-	-	-	-	-	-	-	-	-
Jackney-road	H	29738	32	10	2	2	-	1	-	-	-	-	-	-	1	3	3	-
Green, Bethnal Green	WHL*	47822	34	17	1	9	-	1	-	1	-	-	-	-	-	-	8	-
Church, Bethnal Green	-	29981	25	8	4	3	-	-	-	-	-	-	-	-	-	-	-	-
Town, Bethnal Green	-	19310	16	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Hillfields	-	22685	17	5	1	1	-	-	-	-	-	-	-	-	-	1	-	-
Mile End New Town	W	15473	19	12	2	5	-	-	-	-	-	-	-	-	1	1	7	-
Whitechapel Church	H	17490	15	19	3	2	1	-	-	-	-	1	-	-	-	-	17	-
Woodman's Fields	-	9713	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adgate	-	6102	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George's North	-	38747	26	6	4	1	-	-	-	-	-	-	-	-	1	1	-	-
St. John, St. George East	W	8410	2	-	6	-	-	-	-	-	-	-	-	-	-	-	5	-
Madwell	HH	16935	9	11	2	-	-	-	2	-	-	-	-	-	2	2	7	-
Walcott	-	16107	10	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Almehouse	-	32041	16	11	4	2	-	1	-	-	-	-	-	-	2	4	-	-
Mile End Old Town West	-	37980	34	14	5	4	-	-	-	1	-	-	-	-	2	5	9	-
Mile End Old Town East	W & H	67653	55	22	4	8	1	-	-	1	-	-	-	-	1	2	-	-
Bow	-	37074	23	13	1	6	-	-	-	1	-	-	-	-	2	4	1	-
Bromley	W & H	64369	62	39	6	10	-	2	-	-	-	-	-	1	1	2	13	-
Poplar	W & H	55077	55	12	1	1	-	-	1	1	-	-	-	-	-	1	1	-
SOUTH DISTRICTS.																		
Christchurch Southwark	WH	16663	10	4	1	2	-	-	-	-	-	-	-	-	1	2	1	-
St. Saviour Southwark	-	14999	13	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Cent-road	-	21881	22	5	2	-	2	-	-	-	-	-	-	-	1	-	-	-
Borough-road	WH	15938	13	5	-	2	-	-	-	-	-	-	-	-	-	-	3	-
London-road	HL	21318	15	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	-	26672	12	13	5	5	-	-	-	1	-	-	-	-	1	1	-	2
St. Peter Walworth	W	59555	41	38	5	5	-	2	-	2	-	-	-	1	1	1	7	1
St. Mary Newington	-	21622	20	12	1	3	-	2	1	-	-	-	-	-	-	-	-	-
St. Olave	WH	11956	9	30	4	7	-	4	-	-	-	-	-	1	-	6	18	-
Leather Market	-	16300	11	7	3	1	-	1	-	-	-	-	-	-	-	-	1	1
St. Mary Magdalene	W	15669	12	8	1	2	-	2	-	-	-	-	-	-	-	-	-	-
St. James Bermondsey	-	54632	31	19	7	3	4	-	-	-	-	-	-	-	1	1	-	1
Waterloo-road	WH	36094	29	18	1	7	-	-	1	1	-	-	-	-	-	-	9	-
Waterloo-road 1st	H	15195	10	3	1	1	-	-	-	-	-	-	-	1	-	-	-	1
Waterloo-road 2nd	H	16221	18	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st	H	19876	9	19	3	2	2	-	-	-	-	-	-	1	2	3	10	7
Lambeth Church 2nd	W & W	39859	21	17	5	3	-	-	-	-	-	1	-	-	-	-	7	1
Kennington 1st	-	45232	27	15	4	4	-	-	1	1	-	-	-	-	-	-	-	-
Kennington 2nd	-	33332	21	13	2	5	-	-	-	-	-	-	-	-	-	-	-	-
Brixton	W & W	62837	42	29	9	11	-	1	1	-	-	-	-	-	-	-	-	1
Norwood	W	19017	14	4	2	-	-	-	-	1	-	-	-	-	-	-	-	-
East Battersea	-	54675	28	23	9	5	-	1	1	-	2	-	-	-	1	3	-	-
West Battersea	W & H	52687	47	26	8	9	1	-	1	1	-	-	-	1	1	3	7	-
Clapham	H	36230	18	14	2	6	2	-	-	-	-	-	-	-	-	-	-	-
Wandsworth	WHL	28004	16	7	2	2	-	-	-	-	-	1	-	-	-	-	1	-
Tunney	-	13235	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Waltham	-	25533	23	7	2	1	-	1	-	-	-	-	-	-	1	-	-	-
Dulwich	-	5590	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camberwell	W & L*	59104	36	33	3	12	-	-	1	3	-	2	-	1	1	1	18	-
Peckham	W	71089	51	14	5	4	-	-	-	-	-	-	-	-	-	1	2	2
St. George Camberwell	-	50310	48	18	4	3	-	2	-	1	-	-	-	-	-	-	-	-
St. Paul Deptford	W & W	76752	70	30	8	1	-	1	2	-	3	-	-	-	-	2	3	1
St. Nicholas Deptford	-	7901	9	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-
Greenwich West	H	21972	11	5	2	1	-	-	-	-	-	-	-	-	-	-	9	1
Greenwich East	WHH	24608	26	13	3	7	-	-	-	-	-	-	-	-	-	-	-	-
Clitham	H	2048	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clitham	H	21559	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clitham	WH	19855	27	9	-	5	-	1	-	-	-	-	-	-	-	-	1	-
Clitham	H	26076	11	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Clitham	H	10930	11	5	2	1	-	-	-	-	-	-	-	-	1	1	1	1
Clitham	H	17617	11	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Clitham	H	19043	17	10	4	2	-	1	-	-	-	-	-	-	-	-	-	-
Clitham	H	14069	8	2	1	1	-	-	-	-	-	-	-	-	-	-	4	1
Clitham	H	19241	27	14	5	3	-	1	-	-	-	-	-	-	-	-	-	-
Metropolitan Asylum Hospitals:																		
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill	W	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse " Hackney sub-district.
Holborn " " Boxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City " " Mile End Old Town Eastern sub-dist.
London City " " and Bromley sub-district.
Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " " West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 2nd March, 1899.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, Inclu- ding Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Cause of Death.		
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING						370,924	950,957	798	385	92	119	-	7	2	6	11	2	2	6	11	45	8
30:1	Carshalton <i>wL</i> -	12223	21118	15	11	2	1	-	8	-	-	-	2	-	-	-	-	-	-	-	1	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	7	19	1	5	-	-	-	-	-	-	-	-	-	-	-	-	8	-	
37:1	Godstone (part of)* -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHL</i> -	20651	101241	68	38	8	13	-	-	-	-	1	-	1	-	-	-	-	-	9	-	
2	Mitcham <i>w†</i> -	11697	17932	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	2320	15350	18	6	-	2	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	33254	15	14	5	4	-	1	-	-	-	-	-	-	-	-	-	-	3	1	
3	Esher (part of)* -	6901	9221	4	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13559	7	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond <i>WH</i> -	2272	21302	17	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
2	Mortlake -	2941	12321	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41:1	Bromley (pt. of)* <i>HH</i>	14669	31142	31	6	2	1	-	-	-	-	1	-	-	1	1	-	-	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14967	15344	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42:1	Bexley <i>H</i> -	18437	24134	18	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury <i>w</i> -	11055	11035	2	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12389	6	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon <i>WHH</i> -	6029	10302	7	9	3	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
2	Uxbridge -	6173	3225	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11523	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
126:1	Isleworth <i>WHH</i> -	7003	23727	13	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Twickenham <i>H</i> -	2477	12479	6	5	-	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-	
3	Brentford <i>HL</i> -	4345	27549	33	9	2	4	-	-	-	-	-	-	-	1	1	-	-	-	-	1	
4	Chislewick -	1349	15375	14	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	6933	22373	13	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
127:1	Harrow <i>H</i> -	43999	12795	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6394	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	35	11	5	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8332	10434	8	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
127:1	Bushey -	9331	6621	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128:1	South Mimms -	15599	6331	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5493	10392	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4938	17515	11	13	2	6	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
135:1	Hatfield (part of)* -	3306	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i> -	3939	37078	17	18	5	8	-	2	-	-	1	-	-	-	1	1	-	-	-	-	
2	Tottenham <i>H</i> -	4342	46453	52	27	5	9	-	-	-	2	1	-	1	2	2	-	-	-	1	-	
3	Edmonton <i>Ww†</i>	7453	23433	22	11	3	6	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
4	Enfield <i>WH</i> -	12353	19104	21	6	-	4	-	-	-	1	-	-	-	-	-	-	-	-	1	-	
5	Waltham Abbey -	11017	3343	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
6	Chesham -	8430	7735	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford -	332	33605	33	13	3	4	-	-	-	-	1	-	1	-	-	-	-	-	-	-	
2	West Ham <i>wowwH</i> <i>EH</i> †	7351	101053	142	51	13	7	-	1	-	-	-	2	-	-	2	-	-	-	1	-	
3	Leyton <i>WwL</i> -	4372	32430	42	21	5	6	-	-	-	-	1	-	-	1	2	6	1	-	-	-	
4	Walthamstow <i>H</i> -	6520	28869	29	10	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
137:1	Chigwell (part of)* <i>H</i>	11761	9339	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
138:1	Romford (part of)* <i>W</i>	4730	3111	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7845	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
3	Barking Town -	4127	9203	11	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ainstead and Headley (pop. 1235); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Escher sub-district, except the parish of Esner (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 475); 138:1, the parish of Dagenham in Romford sub-district; 42:2, Dartford, 137:2, Waltham Abbey, and 137:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd March, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.	
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	17.2	1.8	1857	441	503	-	74	14	31	42	9	20	63	398		
INNER LONDON -	77,410	4,851,738	17.6	1.9	1472	349	384	-	67	12	25	31	7	18	57	353		
OUTER RING -	370,924	1,290,277	15.6	1.2	385	92	119	-	7	2	6	11	2	2	6	45		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,552,268 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	February 5	-	-	-	-	-	-	-	-	-	-	-
MADRAS -	398,777	January 18	332	450	58.6	-	5	?	?	?	112	105	
PARIS -	2,260,945	February 23	1163	1061	24.4	1	46	4	45*	12	15	63	
BRUSSELS -	462,069	" 23	203	187	21.0	-	4	-	2	1	-	18	
(with 8 Faubourgs.)													
AMSTERDAM -	390,016	" 23	296	189	24.6	-	12	-	4	3	1	-	
ROTTERDAM -	197,723	" 23	167	91	23.8	-	-	-	-	2	-	1	
THE HAGUE -	153,440	" 23	125	64	21.7	-	2	-	-	-	-	-	
COPENHAGEN -	307,000	" 16	219	131	22.3	-	-	3	4	4	2	7	
STOCKHOLM -	221,549	" 16	122	83	19.5	-	-	4	4*	-	-	5	
CHRISTIANIA -	135,600	" 23	57	59	22.6	-	2	-	2	-	-	-	
ST. PETERSBURG -	842,883	" 18	-	586	36.3	-	-	14	6	4	20	86	
BERLIN -	1,470,582	" 9	935	642	22.7	-	9	7	25	8	-	64	
HAMBURG (State) -	550,694	" 16	355	368	31.9	-	1	4	7*	1	2	83	
DRESDEN -	261,196	" 16	156	100	19.7	?	-	1	5*	?	1	7	
BRISLAU -	313,451	" 23	221	181	30.2	-	1	-	5*	-	-	20	
MUNICH -	281,000	" 16	193	159	29.4	-	8	1	9*	3	-	9	
VIENNA -	811,434	" 16	596	417	26.7	1	5	6	6	2	1	28	
PRAGUE -	300,823	" 16	-	177	30.7	14	1	1	9	1	-	5	
BUDA-PESTH -	452,907	" 16	344	255	29.3	-	-	2	5	-	3	26	
TRIESTE -	158,084	" 16	-	102	33.6	2	-	-	-	1	-	1	
ROME -	462,231	January 5	256	203	26.3	5	6	-	6	-	5†	7	
TURIN (10 days) -	306,393	" 20	220	192	22.9	1	1	-	4	-	1	10	
VENICE -	153,218	February 9	78	79	21.9	2	3	-	2*	-	1	4	
CAIRO -	374,838	" 7	439	321	44.7	-	2	-	1	3	21	85	
ALEXANDRIA -	231,396	" 7	257	223	51.4	-	5	-	5*	4	10	55	
NEW YORK -	1,549,500	" 9	-	813	27.4	-	26	54	47	10	2	8	
BROOKLYN -	814,505	" 9	-	315	20.2	-	11	10	23	9	3	2	
PHILADELPHIA -	1,040,245	" 9	-	403	20.5	-	-	11	10	5	18	2	
BALTIMORE -	509,343	" 9	-	110	14.6	-	1	-	2	2	2	3	

* Including deaths from croup.

† Including 6 deaths from Cholera.

‡ Including 2 deaths from Malarial Fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2ND MARCH, 1889:
[Under the Superintendence of the Astronomer Royal.]

Under the Superintendence of the Astronomer Royal.																																																																																																																																																																																																																																																																																																																																								
1889.		TEMPERATURE.										TEMPERATURE.										Wind as deduced from Anemometers.				Rain collected in a glass receiver, surface is 5 inches square, the height of the ground.																																																																																																																																																																																																																																																																																																														
		Of the Air.					Difference between the Air Temperature and Dew Point Temperature.					Degree of Humidity (Saturation).		Of Radiation.		Of the Water at Deptford.		General Direction.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																		
		High- est.	Low- est.	Daily Range.	Mean value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.			De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	De- parture from average of 10 years.	High- est.	Low- est.	Mean daily value.	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GENERAL REMARKS.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Meteorological tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that "N" indicates "Nights" and "L" "Lows," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Office Marine at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-restoring Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30.05 in. at the beginning of the week to 29.40 in. by 3h. P.M. on the 27th; and increased to 29.80 in. by the end of the week.

DATE.	Thunder.	Lightning.	Registered Sunshine, in hours.	Sum of Sunshine, in hours.	Sum of Rain, in inches.	Sum of Wind, in miles.	Sum of Clouds, in miles.	Sum of Fog, in miles.	Sum of Snow, in miles.	Sum of Hail, in miles.	Sum of Sleet, in miles.	Sum of Ice, in miles.	Sum of Frost, in miles.												
FEBRUARY.																									
SUNDAY . 24	1	1	1.1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5												
MONDAY . 25	1	1	0.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6												
TUESDAY . 26	1	1	2.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7												
WEDNESDAY . 27	1	1	0.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7												
THURSDAY . 28	1	1	0.5	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8												
MARCH.																									
FRIDAY . 1	1	1	3.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8												
SATURDAY . 2	1	1	0.0	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9												
MEANS .			7.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0												
No. of Col. .	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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*General Register Office, Somerset House,
11th March, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.		Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.
Birkenhead	21·4	17·8	20·4	19·3	Liverpool -	21·0	19·7	24·0	23·7
Birmingham	17·4	20·2	18·9	17·2	London -	18·2	18·8	17·6	19·6
Blackburn -	28·4	27·5	28·4	31·0	Manchester -	29·3	28·6	25·3	29·6
Bolton -	22·7	20·5	21·4	23·7	Newcastle-on-Tyne*	26·3	23·0	26·3	30·5
Bradford* -	21·5	15·1	18·9	22·2	Norwich -	22·6	21·5	17·7	23·7
Brighton -	16·7	10·7	14·6	16·3	Nottingham -	20·6	15·6	19·5	19·1
Bristol -	23·2	18·7	17·7	17·3	Oldham -	23·5	28·2	23·5	23·8
Cardiff*	19·0	22·2	15·3	18·1	Plymouth -	14·0	17·3	28·0	17·3
Derby -	18·0	27·0	16·9	14·3	Portsmouth -	18·5	18·8	18·5	23·6
Halifax -	15·4	19·3	23·8	21·2	Preston -	24·0	29·0	33·6	28·5
Huddersfield	21·9	17·4	22·5	15·7	Salford* -	24·9	20·9	22·0	24·1
Hull -	17·6	16·8	15·3	17·6	Sheffield -	21·5	20·4	23·9	24·6
Leeds -	18·2	20·9	20·3	22·5	Sunderland -	21·4	22·2	19·1	21·4
Leicester* -	13·9	20·8	19·1	17·3	Wolverhampton -	18·3	24·7	21·5	26·5

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·8 in Bristol, 2·1 in Liverpool, 2·4 in Salford, 2·7 in Bolton, 2·8 in Manchester, 3·1 in Birkenhead, and 6·9 in Blackburn; from *scarlet fever*, 1·0 in Sheffield; and from *whooping-cough*, 1·5 in Oldham and in Nottingham, 1·6 in Sheffield, 1·7 in Blackburn, and 4·0 in Preston. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 30 deaths from *diphtheria* in these towns included 20 in London, 3 in Manchester, and 2 in Sheffield. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2698 BIRTHS and 1637 DEATHS were registered. Allowing for increase of population, the births were 261, and the deaths 286, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·8 and 17·6 in the two preceding weeks, rose last week to 19·6. During the first ten weeks of the current quarter the death rate averaged 19·7 per 1000, and was 3·7 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1637 deaths included 77 from measles, 16 from scarlet fever, 20 from diphtheria, 29 from whooping-cough, 4 from enteric fever, 3 from ill-defined forms of continued fever, 15 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 164 deaths were referred to these diseases, being 50 below the corrected average weekly number.

No death from *small pox* was registered, the corrected average being 15; one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and two in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 43, 70, and 67 in the three previous weeks, rose to 77 last week, and exceeded the corrected average by 38; 5 belonged to Hammersmith, 6 to Islington, 8 to Newington, 11 to Bermondsey, and 7 to Lambeth sanitary areas. The 16 deaths from *scarlet fever* showed an increase of 4 upon the number in the previous week, but were 9 below the corrected average; 2 belonged to Hackney, 3 to St. George Southwark, 2 to Lambeth, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 604 scarlet fever patients, against numbers ranging in the sixteen preceding weeks from 980 to 616; 64 cases were admitted during the week, against 53 and 41 in the two previous weeks. The fatal cases of *diphtheria*, which had been 27 and 25 in the two preceding weeks, further declined last week to 20, but exceeded the corrected average by 6; 2 belonged to Kensington, 2 to Westminster, 5 to Lambeth, and 2 to Battersea sanitary areas. The 29 deaths from *whooping-cough* showed a further decline from recent weekly numbers, and were 61 below the corrected average; 3 belonged to Marylebone, 3 to Islington, and 6 to Lambeth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 10, 16, and 18 in the three preceding weeks, declined last week to 15, but exceeded the corrected average by 1.

The deaths referred to *enteric fever*, which had been 13, 8, and 6 in the three previous weeks, further declined last week to 4, and were 11 below the corrected average. The deaths of three children were somewhat indefinitely referred to febricula, infantile fever, and simple continued fever. The death of a male, aged 23 years, in Battersea, was attributed to "malarial fever. 14 days." The Metropolitan Asylum Hospitals contained 53 cases of enteric fever, and one of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 3 and 7 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 362 in each of the two preceding weeks, rose last week to 402, but were 132 below the corrected average.

Different forms of violence caused 52 deaths; 47 were the result of negligence or accident, among which were 18 from fractures and contusions, 11 from burns and scalds, 3 from drowning, 1 of a lead worker from lead poisoning, and 11 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in streets; 1 by accident on railway; 2 by fall on board ship; 2 by fall in street; 2 by fall down stairs; 1 by fall from box; 1 by fall on fender; 1 by fall the cause of which was not stated; 1 by blow on head; and 4 by fracture, the nature of which was not stated. An inquest was held in each of these 18 cases. Three cases of suicide were registered, the corrected average being 7.

GREATER LONDON.

In Greater London 3485 births and 2023 deaths were registered, corresponding to annual rates of 32·2 and 18·7 per 1000 of the estimated population. In the Outer Ring 6 deaths from measles, 5 from "fever", 4 from diphtheria, and 4 from whooping-cough were registered. Measles caused 3, and diphtheria 2, deaths in West Ham sub-district. Two fatal cases of "fever" occurred in Tottenham, and 2 of whooping-cough in Croydon sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during February will be found on pages 97-98.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 ins.; the highest reading was 30·03 ins. on Tuesday evening, and the lowest 28·84 ins. on Friday evening. The mean temperature of the *air* was 37°·4, and 3°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average during the first four days of the week, but showed an excess on Thursday, Friday, and Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·3 miles per hour, which was 1·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·54 of an inch. The duration of registered bright sunshine in the week was 26·0 hours, against 26·5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of FEBRUARY 1889; according to their returns 156,558,624 gallons or 711,318 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight), were supplied daily; or 209 gallons (95·0 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 26·8 gallons (12·2 decalitres) to each person, against 26·9 gallons during February 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	FEBRUARY. 1888.	FEBRUARY. 1889.	FEBRUARY. 1888.	FEBRUARY. 1889.
TOTAL SUPPLY . . .	34,383	747,598	154,025,254	156,558,624
From Thames	353,030	360,153	76,331,090	77,231,638
From Lea and from other Sources . . .	380,453	387,445	77,694,164	79,326,986
THAMES.				
Chelsea	34,460	34,823	8,873,840	8,986,678
West Middlesex	69,059	71,795	13,995,703	14,064,378
Southwark and Vauxhall	108,958	110,572	22,881,600	21,822,456
Grand Junction	53,895	55,161	15,026,047	16,030,623
Lambeth	86,658	88,502	15,583,920	16,327,000
LEA AND OTHER SOURCES.				
New River	149,703	151,949	27,812,000	28,514,000
East London	160,534	163,796	38,842,752	39,753,198
Kent	70,216	71,700	11,039,412	11,059,790

Note.—The Return for February 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,215 houses, and of 2,533,370 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING FEBRUARY.

*Water-analysis Laboratory, The Yews, Reigate,
28th February, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of February.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent and Tottenham 0·5, Colne Valley 1·2, New River 2·0, Grand Junction, 2·1, Southwark 2·4, Lambeth 2·7, East London 3·0, West Middlesex 3·1, and Chelsea 4·0.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was of much better quality than that delivered during the two preceding months. It was, in every case, efficiently filtered. The Grand Junction Company attained the highest degree of organic purity, whilst the Chelsea Company was considerably behind the other Thames Companies in this respect.

The water chiefly derived from the River Lea, and delivered by the New River and East London Companies, was of about the same quality as that of the best Thames-derived waters, the New River Company's water taking, as usual, the highest place in regard to organic purity. Both samples were clear and bright, but the East London Company's water was unusually hard.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a very high degree of organic purity; and the Colne Valley Company's water, having been softened before delivery, was also of good quality for laundry use.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and nearly colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "clear and of average quality."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter. The organic carbon and nitrogen were most unusually high."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.									
	Chelsea - - - { February 1st, Cab Rank, Victoria- street. }	10·4	32·30	·206	·030	0	·303	·333	1·7	22·1
	West Middlesex - { February 1st, Cab Rank, Portland-road. }	8·4	33·46	·151	·030	0	·324	·354	1·8	23·3
	Southwark - - - { February 1st, Cab Rank, Bricklayers Arms, Old Kent-road. }	8·0	33·74	·121	·020	0	·306	·326	1·8	23·3
	Grand Junction - { February 1st, Cab Rank, Uxbridge-road, near Marble Arch. }	8·2	33·86	·095	·026	0	·328	·351	1·8	23·6
	Lambeth - - - { February 1st, Cab Rank, St. George's- road, Southwark. }	7·6	33·30	·132	·030	0	·403	·433	1·8	23·3
Outer Circle	LEA.									
	New River - - - { February 1st, Cab Rank, Tottenham Court-road. }	8·3	33·16	·096	·024	0	·396	·420	1·7	23·9
	East London - - { February 1st, Fire Brigade Station, Commercial-road, E. }	8·0	38·88	·149	·026	0	·411	·437	2·1	26·6
	DEEP WELLS.									
	Kent - - - - { February 1st, Mill Lane, Deptford. }	10·6	34·90	·020	·069	0	·511	·520	2·0	28·6
	Colne Valley - - { February 1st, Bushey. }	—	17·04	·036	·016	·005	·409	·429	2·1	6·3
Outer Circle	Tottenham - - - { February 7th, Tottenham. }	—	37·28	·021	·011	·065	trace	·065	2·4	22·1
	Corporation of Birming- ham* - - - - { February 1st, 56, Nelson-street, }	8·2	29·48	·108	·023	·001	·350	·354	1·8	16·0
	Corporation of Glasgow† - - - - - { February 1st, Loch Katrine Water. }	5·8	2·80	·308	·063	0	·034	·072	·7	·95
Column 1.		3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 1st February at the Victoria-street cab-rank, had a temperature of 10°·4 C.; 100,000 lbs. of it contained 32·30 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·206 lb of carbon and ·030 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·303 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·333 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 22·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

CITIES AND BOROUGH.	POPULATION taken into the middle of the Year 1889.	Registered during the Week ending 9th Mar., 1889.			The Deaths registered in the Week include											Annual Rate per 1000, corresponding to the Week's Deaths				TEMPERATURE OF THE AIR.								RAINFALL.		CITIES AND BOROUGH.																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		BIRTHS.	DEATHS.	3.	Deaths of		Deaths from								Deaths in				From All Causes.	From Diseases in Col. 6-12.	Mean.				In Inches.	In Cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					1 Year of Age.	60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Influent Cases.	Deaths in Public Institutions.	Unreported Causes of Death.	Highest.			Lowest.	Fahrenheit.	Centigrade.																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.																																																																																																																																																																																																																																																																																																																																																																																																																																	
28 TOWNS*	9,555,406	5842	3850	857	934	-	198	51	30	94	24	35	121	267	674	86	210	204	55.4	10.0	34.2	1.22	1.55	3.94	-	28 TOWNS.	LONDON.	4,351,738	2698	1637	323	458	-	77	16	20	29	7	15	52	114	394	24	19.6	2.0	55.4	18.7	37.4	3.00	0.54	1.37	BRIGHTON.																																																																																																																																																																																																																																																																																																																																																																																																																														
BRIGHTON	121,807	53	38	6	14	-	-	-	-	-	-	-	-	-	-	-	-	-	51.0	23.0	35.2	-	-	-	-	BRIGHTON.	PORTSMOUTH.	141,253	103	64	12	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	PORTSMOUTH.																																																																																																																																																																																																																																																																																																																																																																																																																													
PORTSMOUTH	94,510	67	43	19	11	-	-	-	-	-	-	-	-	-	-	-	-	-	51.0	23.0	35.2	-	-	-	-	NORWICH.	NORWICH.	78,225	42	26	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NORWICH.																																																																																																																																																																																																																																																																																																																																																																																																																													
NORWICH	78,225	42	26	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	51.0	23.0	35.2	-	-	-	-	PLYMOUTH.	PLYMOUTH.	229,361	125	76	13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	PLYMOUTH.																																																																																																																																																																																																																																																																																																																																																																																																																												
PLYMOUTH	229,361	125	76	13	50	-	-	-	-	-	-	-	-	-	-	-	-	-	44.7	21.7	32.1	0.06	1.56	3.96	-	WOLVERHAMPTON.	WOLVERHAMPTON.	82,544	42	42	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	WOLVERHAMPTON.																																																																																																																																																																																																																																																																																																																																																																																																																													
WOLVERHAMPTON	82,544	42	42	8	11	-	-	-	-	-	-	-	-	-	-	-	-	-	44.7	21.7	32.1	0.06	1.56	3.96	-	BIRMINGHAM.	BIRMINGHAM.	454,835	279	150	32	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BIRMINGHAM.																																																																																																																																																																																																																																																																																																																																																																																																																											
BIRMINGHAM	454,835	279	150	32	37	-	-	-	-	-	-	-	-	-	-	-	-	-	46.5	23.5	33.4	0.78	2.20	5.59	-	LEICESTER.	LEICESTER.	150,220	110	50	22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LEICESTER.																																																																																																																																																																																																																																																																																																																																																																																																																										
LEICESTER	150,220	110	50	22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	46.5	23.5	33.4	0.78	2.20	5.59	-	NOTTINGHAM.	NOTTINGHAM.	237,812	138	87	31	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NOTTINGHAM.																																																																																																																																																																																																																																																																																																																																																																																																																									
NOTTINGHAM	237,812	138	87	31	18	-	-	-	-	-	-	-	-	-	-	-	-	-	46.5	23.5	33.4	0.78	2.20	5.59	-	DERBY.	DERBY.	158,229	53	27	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DERBY.																																																																																																																																																																																																																																																																																																																																																																																																																							
DERBY	158,229	53	27	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	46.5	23.5	33.4	0.78	2.20	5.59	-	BIRKENHEAD.	BIRKENHEAD.	102,511	43	38	12	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* See note on first page of this Return.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the Tenth Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2736	2848	2831	2740	2480	2754	2737	2697	2728	2583	2953.9	2698
Males . .	1379	1492	1450	1959	1304	1411	1367	1389	1369	1375	1515.2	1361
Females . .	1357	1356	1381	1381	1176	1343	1370	1308	1359	1208	1443.7	1337
TOTAL Deaths	2023	1442	1590	1793	1643	1639	1678	2285	1649	1886	1922.8	1637
Males . .	987	737	796	893	882	832	854	1122	843	928	967.7	828
Females . .	1036	705	794	900	766	807	824	1163	806	958	955.1	809

*The numbers in this column are the average weekly numbers in the tenth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.
TOTAL Births	2291	2655	1876	2855	2668	2837	2599	2662	2772	2511	2695	2609	2693
TOTAL Deaths	1455	1802	1641	1784	2075	1769	1620	1570	1460	1516	1567	1472	1637
Ages at Death													
0–20 years	720	888	779	825	850	776	709	714	650	655	666	681	695
20–40 "	178	197	173	204	218	197	162	153	181	182	202	153	175
40–60 "	247	286	277	308	333	288	280	270	243	279	278	254	309
60–80 "	251	356	335	366	506	423	394	338	313	322	337	314	391
at 80 years & upwds.	59	75	77	81	118	80	75	90	73	78	84	70	67
Under 1 year	307	390	345	372	373	373	325	370	324	326	344	349	323
1–5 "	314	375	341	338	370	315	281	250	233	247	238	257	276
5–20 "	99	123	93	115	107	88	103	94	93	82	84	75	96
Deaths from Small-pox	154	184	147	143	176	121	83	71	56	43	70	67	77
" " Measles	17	25	20	12	17	19	20	11	12	16	14	12	16
" " Scarlet fever	39	39	34	33	21	33	33	38	24	24	27	25	20
" " Diphtheria	14	25	28	32	37	36	24	38	33	31	31	31	29
" " Whooping-cough	-	-	-	-	-	-	-	-	-	-	1	1	-
" " Typhus	18	12	8	14	10	7	10	10	5	13	8	6	4
" " Enteric fever	-	-	-	1	1	-	1	1	-	-	-	-	3
" " Simple Cont'd fever	11	16	14	11	12	11	24	13	19	10	16	13	15
" " Diarrhoea and Dysentery	-	-	-	-	1	-	-	-	-	1	-	-	-
" " Cholera	253	301	251	246	275	232	195	182	148	138	167	160	164
" " all the above-mentioned Diseases	330	440	412	484	652	492	456	409	340	376	362	362	402
" " Dis. of Respiratory System	160	153	152	154	187	136	152	138	140	158	156	127	161
" " Phthisis	109	127	130	160	195	155	141	142	132	120	130	116	150
" " Dis. of Circulatory System	40	81	52	61	53	63	50	55	49	44	65	57	52
Violent Deaths	86	154	107	132	143	121	102	104	91	93	114	118	114
Inquest Cases	353	395	335	360	393	386	401	382	314	375	353	353	394
Deaths in Public Institutions													
TEMPERATURE OF THE AIR													
Mean	33.3	40.4	42.5	31.8	35.3	37.8	38.5	43.1	35.6	34.3	41.4	32.8	37.4
Mean of Highest readings	38.8	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9	40.9	47.3	37.7	46.3
Mean of Lowest readings	27.9	36.0	36.6	27.1	30.9	34.0	33.6	36.5	30.2	27.1	36.2	29.3	28.9
Humidity of the Air	93	94	90	93	93	87	93	88	81	84	81	83	75
Rain-fall in inches	0.00	0.13	0.66	0.00	0.49	0.62	0.15	0.22	0.80	1.19	0.05	0.13	0.54
Registered Sunshine (in hours)	3.8	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4	8.7	14.9	7.6	26.0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLaundborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 10th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th March 1889.								CAUSES OF DEATH.	Corrected Averages for the 10th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th March 1889.																	
		Deaths of Persons of the Ages										Deaths of Persons of the Ages																	
		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.										
ALL CAUSES -	1922.8	1637	323	276	93	175	399	391	67	Diseases of Organs of Special Sense † -	2.1	-	-	-	-	-	-	-	-	Diseases of Circulatory System -	136.4	150	4	1	7	16	41	72	9
Small-pox { Vaccinated † -	14.6	-	-	-	-	-	-	-	-	Croup -	12.2	13	1	11	1	-	-	-	-	Bronchitis -	844.7	249	46	43	5	4	46	96	10
Unvaccinated † -		-	-	-	-	-	-	-	-	Pneumonia -	123.2	99	25	31	4	13	15	12	-	Pleurisy -	6.0	3	-	-	-	1	1	1	-
No Statement		-	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	48.0	38	4	3	-	3	18	8	2	Dentition †	19.5	8	4	4	-	-	-	-
Measles -	39.3	77	12	58	7	-	-	-	-	Quinsy, Sore Throat †	1.8	-	-	-	-	-	-	-	-	Enteritis -	7.5	7	3	1	-	-	1	2	-
Scarlet Fever -	24.8	16	1	11	3	1	-	-	-	Peritonitis -	7.5	6	-	1	-	1	2	-	-	Diseases of Liver -	33.8	20	2	1	-	1	9	7	-
Typhus -	1.1	-	-	-	-	-	-	-	-	Other Diseases of Digestive System -	29.6	26	7	3	-	4	5	4	3	Diseases of Lymphatic System & of Ductless Glands † -	1.5	3	-	-	-	1	2	-	-
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Diseases of Urinary System -	42.5	49	-	1	2	8	15	21	2	Diseases of Generative System -	5.7	6	1	-	-	3	1	1	-
Influenza -	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth -	5.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System † -	6.4	6	-	-	1	1	4	-	-
Whooping-cough -	90.3	29	9	19	1	-	-	-	-	Diseases of Integumentary System -	7.0	6	1	-	-	2	3	-	-	VIOLENT DEATHS. ‡									
Diphtheria -	13.8	20	-	10	10	-	-	-	-	ACCIDENT.)										Fracture and Contusion	20.7	13	-	1	7	2	2	5	1
Simple Continued and Ill-defined Fever -	1.3	3	-	3	-	-	-	-	-	Gunshot Wound -	0.2	-	-	-	-	-	-	-	-	Cut. Stab -	0.5	-	-	-	-	-	-	-	-
Enteric Fever -	14.7	4	-	1	2	-	1	-	-	Burn and Scald -	7.4	11	-	7	2	2	-	-	-	Poison -	0.9	1	-	-	1	1	1	-	-
Cholera -	0.2	-	-	-	-	-	-	-	-	Poison -	0.9	3	-	-	-	-	-	-	-	Drowning -	5.7	12	11	1	-	-	-	-	-
Diarrhoea, Dysentery -	13.7	15	7	3	1	-	1	2	1	Suffocation -	15.5	2	1	-	-	1	-	-	-	Otherwise -	2.4	2	1	-	-	1	-	-	-
Remittent Fever † -	0.3	-	-	-	-	-	-	-	-	(HOMICIDE.)										Murder & Manslaughter	1.9	2	1	-	-	1	-	-	-
Hydrophobia -	0.0	-	-	-	-	-	-	-	-	(SUICIDE.)										Gunshot Wound -	0.3	-	-	-	-	-	-	-	-
Glanders -	0.0	-	-	-	-	-	-	-	-	Cut. Stab -	1.6	1	-	-	-	-	-	-	-	Poison -	2.0	2	-	-	-	1	1	-	-
Cowpox and Effects of Vaccination † -	0.3	-	-	-	-	-	-	-	-	Drowning -	1.0	-	-	-	-	-	-	-	-	Hanging -	1.1	-	-	-	-	-	-	-	-
Veneral Affections -	12.9	11	9	-	-	-	1	1	-	Otherwise -	0.2	-	-	-	-	-	-	-	-	Other Causes † -	69.4	65	58	3	-	-	2	2	-
Erysipelas -	4.5	-	-	-	-	-	-	-	-	(EXECUTION.)										Hanging -	0.0	-	-	-	-	-	-	-	-
Pyæmia and Septicæmia †	4.1	-	-	-	-	-	-	-	-	OTHER CAUSES † -	69.4	65	58	3	-	-	2	2	-										
Puerperal Fever -	6.8	4	-	-	3	1	-	-	-																				
Other Zymotic Diseases †	2.0	2	-	1	-	1	-	-	-																				
Thrush -	1.5	-	-	-	-	-	-	-	-																				
Worms and other Parasitical Diseases -	0.0	-	-	-	-	-	-	-	-																				
Starvation, Want of Breast-milk † -	1.5	2	2	-	-	-	-	-	-																				
Alcoholism -	5.0	10	-	-	-	4	4	2	-																				
Rheumatic Fever, Rheumatism of Heart †	7.2	7	-	-	4	1	2	-	-																				
Rheumatism † -	3.2	5	-	-	-	-	2	2	1																				
Gout -	3.5	2	-	-	-	-	1	1	-																				
Rickets † -	5.3	6	1	5	-	-	-	-	-																				
Cancer -	49.2	70	-	2	-	6	33	26	3																				
Tabes Mesenterica -	25.8	12	7	3	2	-	-	-	-																				
Tubercular Meningitis -	33.0	22	6	9	6	1	-	-	-																				
Phthisis -	190.8	161	2	5	13	77	53	11	-																				
Scrofula, Tuberculosis -	17.6	24	3	6	8	-	1	-	-																				
Other Constitutional Diseases †	10.2	21	2	-	1	6	4	8	-																				
Premature Birth -	37.2	35	35	-	-	-	-	-	-																				
Atelectasis † -	2.7	4	4	-	-	-	-	-	-																				
Congenital Malformations -	7.3	5	4	1	-	-	-	-	-																				
Old Age -	70.2	59	-	-	-	-	-	34	25																				
Apoplexy -	52.5	65	-	-	1	4	17	37	6																				
Epilepsy -	9.3	11	1	-	1	3	1	5	-																				
Convulsions -	60.2	43	35	8	-	-	-	-	-																				
Other Diseases of Brain and Nervous System	103.9	86	8	20	6	5	18	25	4																				

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include															Deaths in Public Institutions.	Uncertified Causes of Death.
					Deaths of		Deaths from														
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON		3,815,704	2608	1637	323	458	-	77	16	20	29	-	4	3	15	52	114	394	24		
West Districts		637,938	398	285	42	99	-	10	-	2	5	-	1	1	1	8	19	84	4		
North Districts		905,947	638	329	66	88	-	13	4	4	7	-	-	1	6	7	23	78	1		
Central Districts		282,238	187	135	31	84	-	7	-	1	3	-	1	-	-	7	16	35	1		
East Districts		692,738	519	321	66	88	-	5	3	2	1	-	1	-	2	13	23	101	1		
South Districts		1,265,148	991	568	118	149	-	43	8	11	13	-	1	1	6	17	25	97	17		
METROPOLITAN ASYLUM HOSPITALS OUTSIDE REGISTRATION LONDON		-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		68883	43	24	4	14	-	-	-	-	-	-	1	-	-	-	-	7	-		
St. John Paddington H - - - G.J.		37380	14	8	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-		
Kensington Town Ww - - - W.M.		120141	64	35	7	18	-	-	-	-	-	-	-	-	1	1	3	10	-		
Brompton H - - - W.M. & C.		45010	7	16	1	7	-	-	-	-	-	-	-	-	-	-	1	4	-		
St. Peter Hammersmith - - - W.M.		7599	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	58	35	6	9	-	5	-	-	-	-	1	-	2	3	-	-	-		
Fulham Ww - - - W.M. & C.		42900	58	40	5	12	-	-	-	2	2	-	-	-	1	2	11	-	-		
Chelsea South HHH - - - C.		6396	20	13	6	2	-	1	-	-	-	-	-	-	-	1	3	-	-		
Chelsea North-west WHHHHH - - - C.		21925	12	19	1	6	-	-	-	-	-	-	-	-	-	-	1	12	-		
Chelsea North-east - - - C.		32897	28	7	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-		
May Fair WW - - - G.J.		30353	11	18	-	9	-	2	-	-	-	-	-	-	-	-	-	11	1		
Belgrave WHHH - - - C.		59220	22	32	8	-	-	-	-	-	1	-	-	-	-	2	3	12	1		
St. John Westminster HHH - - - C.		35498	24	10	3	4	-	1	-	-	1	-	-	-	-	-	-	1	-		
St. Margaret Westminster H - - C.		24679	10	14	1	5	-	-	-	-	-	-	-	-	-	-	-	6	2		
St. James Westminster WHH N.R. & G.J.		29041	11	10	1	6	-	-	-	-	-	-	-	-	-	-	-	3	-		
St. Anne Soho HHHHHH - - - N.R.		18668	11	2	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		24769	10	15	3	3	-	1	-	-	-	-	-	-	-	2	9	-	-		
Overend Square HHHH - - - W.M.		14391	5	5	1	1	-	-	-	-	1	-	-	-	-	1	1	-	-		
Rectory Marylebone WH G.J. & W.M.		24809	7	11	1	2	-	3	-	-	1	-	-	-	-	-	1	3	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	32	8	5	1	-	-	-	-	1	-	-	-	-	-	1	1	-		
Christchurch Marylebone HHH - W.M.		33700	27	16	2	7	-	-	-	-	-	-	-	-	1	-	3	-	-		
St. John Marylebone H - - - W.M.		33633	16	11	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead WwvHHHH N.R. & W.M.		45452	39	13	3	4	-	-	-	-	-	-	-	-	1	-	1	3	-		
Regent's Park Paneras H - - W.M.		39115	24	9	1	1	-	-	-	-	-	-	-	-	1	1	1	-	-		
Tottenham-court WHHHH N.R. & W.M.		27729	8	15	1	3	-	-	-	1	-	-	-	-	1	-	-	9	-		
Gray's Inn Lane HHH - - - N.R.		30247	18	15	-	2	-	-	-	-	-	-	-	-	1	-	1	5	-		
Somers Town H - - - N.R.		34969	29	16	6	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Camden Town WH - - - N.R.		17311	14	14	5	6	-	-	-	-	-	-	-	-	1	-	2	3	-		
Kentish Town W - - - N.R.		87457	59	24	4	6	-	-	-	-	-	-	-	-	-	-	-	4	-		
Upper Holloway WwvH - - - N.R.		67946	54	33	10	8	-	5	-	-	1	-	-	-	1	-	2	15	-		
Islington South-west HH - - - N.R.		109376	78	22	3	5	-	-	-	-	2	-	-	-	-	-	1	3	-		
Islington South-east - - - N.R.		61835	40	17	4	2	-	1	1	-	-	-	-	-	1	1	3	-	-		
Highbury H - - - N.R.		52048	84	12	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stoke Newington H - - - N.R.		22781	18	11	3	4	-	-	-	-	-	-	-	-	-	1	1	-	1		
Stamford Hill - - - E.L.		9277	10	8	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-		
West Hackney H - - - N.R.		37610	25	9	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Hackney WwvH - - - E.L. & N.R.		76911	63	38	6	17	-	-	3	2	-	-	-	-	-	3	4	17	-		
South Hackney - - - E.L.		39483	25	7	2	8	-	-	-	-	1	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - - N.R.		16681	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - - N.R.		14884	5	10	-	2	-	-	-	-	-	1	-	-	-	-	2	2	-		
St. Giles North - - - N.R.		18837	8	4	3	-	-	1	2	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	6	9	-	1	-	1	-	-	1	-	1	-	-	-	-	5	-		
St. Mary-le-Strand H - - - N.R.		7515	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Dances H - - - N.R.		8559	3	9	3	2	-	-	-	-	-	-	-	-	-	-	1	5	1		
Strand Union Workhouse, Edmonton w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Geo. the Martyr HHHHHH N.R.		18671	14	14	1	5	-	-	-	1	-	-	-	-	-	-	-	1	-		
St. Andrew Eastern W - - - N.R.		10706	8	4	3	1	-	-	-	-	-	-	-	-	-	-	1	4	-		
Salter's Hill H - - - N.R.		6583	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. James Clerkenwell - - - N.R.		17516	11	8	4	2	-	-	-	-	1	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - - N.R.		19281	12	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - - N.R.		14773	6	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - - N.R.		17506	11	5	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - - N.R.		11541	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - - N.R.		18628	19	11	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitecross-street - - - N.R.		9217	10	4	3	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
Finsbury - - - N.R.		7453	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcham, w.		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - - N.R. & E.L.		11174	7	8	1	5	-	1	-	-	-	-	-	-	-	-	-	1	-		
Cripplegate - - - N.R.		7193	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - - N.R.		5368	1	14	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Bride W - - - N.R.		8396	5	1	1	-	-	-	-	-	-	-	-	-	-	-	6	5	14		
Allhallows Barking - - - N.R.		13988	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - - N.R.		5653	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and N.K. the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 9th March, 1889.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, including Tidal Water and Foreshore.	Enumerated Population, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Marasmus.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes.
LONDON—OUTER RING						93	108	-	6	-	4	4	5	5	5	20	54	6
30:1	Carshalton <i>wL</i>	12228	21118	17	10	2	5	-	-	-	-	-	-	1	1	1	10	-
3	Epsom (part of)* <i>WwH</i>	9971	10710	3	8	-	2	-	-	-	-	-	-	-	-	-	-	-
37:1	Godstone (part of)*	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHLL</i>	20851	101241	65	41	14	8	-	1	-	-	2	1	1	-	2	7	-
2	Mitcham <i>w†</i>	11637	17932	7	7	3	1	-	-	-	-	-	-	-	-	-	1	-
39:1	Wimbledon <i>HHH</i>	3220	15950	15	7	2	2	-	-	-	-	-	1	1	1	1	3	-
2	Kingston <i>WHH</i>	8549	36354	28	20	6	6	-	-	-	-	-	-	-	1	1	-	-
3	Esher (part of)*	6601	9221	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i>	4573	18539	10	7	3	2	-	-	-	-	-	-	-	-	-	-	-
40:1	Richmond <i>WH</i>	2272	21802	12	6	3	-	-	-	-	-	-	1	-	-	-	3	-
2	Mortlake	2941	12331	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-
41:1	Bromley (pt. of)* <i>HH</i>	15649	31142	21	11	3	5	-	-	-	-	-	-	-	-	1	-	1
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-
42:1	Bexley <i>H</i>	13437	24134	17	5	1	1	-	-	-	-	-	-	-	-	-	1	-
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
124:1	Sunbury <i>w</i>	11055	11645	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i>	13277	12089	6	6	-	4	-	-	-	-	-	-	-	-	-	3	-
125:1	Hillingdon <i>WHH</i>	6029	10302	4	5	2	1	-	-	-	1	-	-	-	-	-	-	-
2	Uxbridge	6178	3225	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i>	14597	11523	3	5	-	1	-	-	-	-	-	-	-	-	-	3	-
126:1	Isleworth <i>WHH</i>	7004	22227	15	15	2	7	-	-	-	-	-	-	1	-	-	8	-
2	Twickenham <i>H</i>	2477	12479	3	6	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i>	4345	27449	14	5	-	3	-	-	-	-	-	-	-	-	1	-	-
4	Chiswick	1340	15975	10	8	3	2	-	-	-	-	-	-	-	-	2	-	-
5	Acton <i>wH</i>	6083	22376	18	6	-	3	-	-	-	1	-	-	-	-	-	-	-
127:1	Harrow <i>H</i>	13809	12798	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i>	6994	3749	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	27453	35	11	2	3	-	-	-	-	-	-	-	-	1	-	-
4	Hendon <i>W</i>	8332	10434	8	6	-	1	-	-	-	-	-	-	-	1	2	2	-
137:1	Bushey	9331	6621	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138:1	South Mimms	15699	6391	9	5	2	2	-	-	-	-	-	-	-	-	-	1	-
2	Barnet	5433	10092	10	1	-	-	-	-	-	-	-	-	1	-	-	-	-
3	Finchley <i>HL</i>	4688	17615	14	10	-	1	-	-	-	-	1	-	-	-	-	5	-
135:1	Hatfield (part of)*	3806	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i>	3039	37078	29	10	2	3	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i>	4642	48455	63	19	6	6	-	-	-	-	-	2	-	-	-	3	-
3	Edmonton <i>Ww†</i>	7483	23493	19	9	2	1	-	-	-	-	-	-	-	-	2	-	-
4	Enfield <i>WH</i>	12653	19104	14	7	2	2	-	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey	11017	5363	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	8480	778	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford	892	38606	46	14	3	5	-	-	-	-	1	-	-	-	-	-	1
2	West Ham <i>wewwH†</i>	7351	101053	104	49	12	10	-	3	-	2	-	-	-	1	2	1	3
3	Leyton <i>WwL</i>	4372	32430	36	13	5	3	-	-	-	-	-	-	-	-	-	5	1
4	Walthamstow <i>H</i>	6530	28869	42	20	6	5	-	-	-	-	-	-	-	-	3	-	-
137:1	Chigwell (part of)* <i>H</i>	11761	9639	12	3	1	1	-	1	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139:1	Romford (part of)* <i>W</i>	6730	3411	7	4	1	3	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	8493	7645	15	5	-	1	-	-	-	-	-	-	-	-	1	-	-
3	Barking Town	4127	9203	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.
 † Exclusive of deaths of London residents in the Holborn Union Workhouse, belonging to Metropolitan Police District.

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchester Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th March, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						From All Causes.	From Diseases in Cols. 8-14.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	16.
GREATER LONDON	448,334	5,642,015	18·7	1·7	2023	416	566	-	83	16	24	33	12	20	57	448	
INNER LONDON -	77,410	4,351,738	19·6	2·0	1637	323	458	-	77	16	20	29	7	15	52	394	
OUTER RING -	370,924	1,290,277	15·6	1·0	386	93	108	-	6	-	4	4	5	5	5	54	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,551,080 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	February 12	259	436	25·1	5	20	?	?	?	134	42+	
MADRAS -	398,777	January 25	279	342	41·5	-	6	?	?	?	91	61+	
PARIS -	2,260,945	March 2	1874	1027	23·6	6	31	7	37*	2	16	59	
ANTWERP (with 8 Faubourgs.)	462,069	" 2	300	177	19·5	-	3	-	-	-	-	2	17
AMSTERDAM -	390,016	" 2	320	187	24·3	-	10	1	7	2	3	-	
ROTTERDAM -	197,723	" 2	133	117	30·6	-	-	-	-	2	1	3	
THE HAGUE -	153,440	" 2	107	52	17·6	-	-	-	-	-	1	-	
COPENHAGEN -	307,000	February 23	267	115	19·5	-	-	3	3	7	1	7	
STOCKHOLM -	221,549	" 23	165	93	21·8	-	-	4	3*	-	1	3	
CHRISTIANIA -	135,609	March 2	58	60	23·0	-	1	-	6	2	-	4	
ST. PETERSBURG	842,883	February 23	-	564	34·9	-	-	13	8	5	18	60	
BERLIN -	1,470,582	" 16	969	651	23·0	-	10	6	25	10	3	51	
HAMBURG (State)	550,094	" 23	427	334	31·6	-	1	2	11*	6	2	60	
DRESDEN -	264,196	" 23	180	109	21·5	?	-	-	7*	?	2	3	
BRISLAU -	313,451	March 2	260	151	25·2	-	1	-	12*	1	-	6	
MUNICH -	281,000	February 23	215	176	32·1	-	6	2	12*	-	-	11	
VIENNA -	811,434	" 23	521	420	26·9	-	12	10	5	3	5	31	
PRAGUE -	300,828	" 23	-	172	29·8	19	3	1	8	3	4	4	
BUDA-PESTH -	452,907	" 23	370	252	28·9	-	-	-	3	-	7	15	
TRIESTE -	153,084	" 23	-	98	32·2	2	-	-	-	-	-	-	
ROME -	461,044	January 12	279	272	35·3	6	7	-	2	-	11+	13	
TURIN (11 days)	306,398	" 31	271	197	21·3	1	2	2	1	1	1	17	
VENICE -	153,218	February 16	92	111	37·8	5	5	-	-	-	-	5	
CAIRO -	374,333	" 14	413	301	41·9	1	1	-	1	3	15	81	
ALEXANDRIA -	281,396	" 14	234	221	40·8	2	13	-	2*	2	9	46	
NEW YORK -	1,540,500	" 16	-	786	26·5	1	24	47	52	10	4	12	
BROOKLYN -	814,505	" 16	-	364	23·3	-	4	9	36	10	1	3	
PHILADELPHIA -	1,040,245	" 16	-	417	20·9	-	-	8	9	5	21	2	
BALTIMORE -	500,343	" 16	-	155	16·2	-	-	-	6	-	1	3	

* Including deaths from croup.

+ Including 5 deaths from cholera in Bombay, and 4 in Madras.

‡ Including 3 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9TH MARCH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose surface is 5 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
MARCH.	SUN.		MON.	TUES.	WED.	THURS.	FRI.	SAT.	MEANS	No. of Col.	Of the Air.		Of the Air.		Of the Air.		Of the Water at Deptford.			General Direction.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
											Mean daily reading corrected for difference to Fahrenheit.	High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average of 10 years.	Mean daily value.	Great- est.		Least.	Degree of radiation (Satu- ration 100).	Of Radiation.			High- est.	Low- est.	A.M.	P.M.	Great- est.	Mean hourly obs.	Horizontal Movement of the Air on each day.	Depart- ure from average of 10 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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3	..	29.882	38.1	22.5	15.6	29.8	-10.7	19.6	10.2	12.0	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

DATE.		ELECTRICITY.		REGISTERED SUN ABOVE HORIZON.		GENERAL REMARKS.	
MARCH		(For explanation of Symbols, see Notes.)		in hours.			
SUNDAY	3			2.6	11.0	In early morning a little snow fell; fine but generally very cold day.	
MONDAY	4			3.3	11.1	Clear cold morning, with much hoar frost; fine and partially cloudy till 2h. P.M.; overcast afterwards.	
TUESDAY	5			5.6	11.1	Cloudy in early morning; very fine throughout day, and small amounts of cloud prevailed till afternoon; cloudless afterwards.	
WEDNESDAY	6	Instrument under adjustment.		5.9	11.2	Very fine; variable amounts of light cloud generally prevailed.	
THURSDAY	7			0.0	11.2	Overcast. Rain fell frequently.	
FRIDAY	8			0.3	11.3	Overcast. Frequent rain.	
SATURDAY	9			8.3	11.4	Cloudy, windy, and showery in early morning; fine and partially cloudy till evening; cloudless at night.	
MEANS				Sum 26.0	Sum 78.3		

The height of the cistern of the barometer is 150 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1872.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—E. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.59 in. at the beginning of the week to 29.03 in. on 9h. P.M. on the 5th; decreased to 28.84 in. by 11h. P.M. on the 8th; and increased to 29.53 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 11. 1889. VOL. L.] WEEK ENDING SATURDAY, MARCH 16. [Price 1½d.

*General Register Office, Somerset House,
18th March, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·3 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.		Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.
Birkenhead	17·8	20·4	19·3	20·4	Liverpool -	19·7	24·0	23·7	23·1
Birmingham	20·2	18·9	17·2	18·4	London -	18·8	17·6	19·6	19·7
Blackburn -	27·5	28·4	31·0	33·1	Manchester -	28·6	25·3	29·6	27·8
Bolton -	20·5	21·4	23·7	30·5	Newcastle-on-Tyne*	23·0	26·3	30·5	23·3
Bradford*	15·1	18·9	22·2	20·4	Norwich -	21·5	17·7	23·7	25·4
Brighton -	10·7	14·6	16·3	19·3	Nottingham -	15·6	19·5	19·1	19·5
Bristol -	18·7	17·7	17·3	23·0	Oldham -	28·2	23·5	23·8	16·9
Cardiff*	22·2	15·3	18·1	17·1	Plymouth -	17·3	28·0	17·3	21·3
Derby -	27·0	16·9	14·3	17·5	Portsmouth -	18·8	18·5	23·6	20·3
Halifax -	19·3	23·8	21·2	25·7	Preston -	29·0	33·6	28·5	32·5
Huddersfield	17·4	22·5	15·7	24·7	Salford*	20·9	22·0	24·1	23·8
Hull -	16·8	15·3	17·6	22·6	Sheffield -	20·4	23·9	24·6	24·9
Leeds -	20·9	20·3	22·5	24·4	Sunderland -	22·2	19·1	21·4	14·0
Leicester*	20·8	19·1	17·3	17·0	Wolverhampton -	24·7	21·5	26·5	23·4

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·8 in Sheffield, 2·5 in Birkenhead, 2·8 in Huddersfield, 2·9 in Manchester, 3·6 in Bolton, and 5·2 in Blackburn; from *scarlet fever*, 1·3 in Blackburn; and from *whooping-cough*, 1·3 in Brighton, in Blackburn, and in Plymouth, 1·4 in Cardiff, and 5·5 in Preston. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 58 deaths from *diphtheria* in these towns included 31 in London, 5 in Salford, 3 in Manchester, 3 in Preston, 3 in Birmingham, 2 in Liverpool, and 2 in Bolton. *Small-pox* caused one death in Portsmouth, but not one in any of the twenty-seven other great towns.

LONDON.

In LONDON 2699 BIRTHS and 1639 DEATHS were registered. Allowing for increase of population, the births were 220, and the deaths 266, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·6 and 19·6 in the two preceding weeks, rose last week to 19·7, and exceeded the rate in any week since the third of January. During the first eleven weeks of the current quarter the death-rate averaged 19·7 per 1000, and was 3·7 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1639 deaths included 60 from measles, 16 from scarlet fever, 31 from diphtheria, 37 from whooping-cough, 6 from enteric fever, 14 from diarrhoea and dysentery, 2 from choleraic diarrhoea, and not one from small-pox, typhus, or ill-defined forms of fever; thus, 166 deaths were referred to these diseases, being 57 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 12; 2 small-pox patients were under treatment at the end of the week in the Metropolitan Asylum Hospitals, and 2 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 67 and 76 in the two previous weeks, declined last week to 60, but exceeded the corrected average by 12; 4 belonged to Westminster, 4 to Bethnal Green, 5 to Newington, 8 to Bermondsey, 4 to Rotherhithe, and 4 to Plumstead sanitary areas. The 16 deaths from *scarlet fever* corresponded with the number in the previous week, and were 8 below the corrected average; 2 belonged to Poplar, 2 to Bermondsey, and 2 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 602 scarlet fever patients, against numbers ranging in the seventeen preceding weeks from 980 to 604; 52 cases were admitted to these hospitals during the week, against 41 and 64 in the two previous weeks. The fatal cases of *diphtheria*, which had been 27, 25, and 20 in the three preceding weeks, rose again last week to 31, and exceeded the corrected average by 15; 3 belonged to Whitechapel, 2 to St. George-in-the-East, 2 to Poplar, and 5 to Lambeth sanitary areas. The 37 deaths from *whooping-cough* exceeded the numbers returned in recent weeks, but were 53 below the corrected average; 4 belonged to St. George Southwark, and 4 to Newington sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 18 and 15 in the two preceding weeks, were last week 14, and were one below the corrected average. The deaths of two children of a labourer in Lambeth, aged respectively 3 and 1 years, were referred, after inquest, to *choleraic diarrhoea*.

The deaths referred to *enteric fever*, which had declined in the four preceding weeks from 13 to 4, rose again last week to 6, but were 8 below the corrected average; 2 belonged to Islington sanitary area. The Metropolitan Asylum Hospitals contained 46 cases of enteric fever, and one of typhus on Saturday last; only one case of enteric fever was admitted during the week, against 3, 7, and 2 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 362 and 402 in the two preceding weeks, declined again last week to 396, and were 153 below the corrected average.

Different forms of violence caused 64 deaths; 57 were the result of negligence or accident, among which were 13 from fractures and contusions, 9 from burns and scalds, 8 from drowning, 2 from poison (including one of a coach-builder from lead-poisoning), and 17 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the street; 1 by accident on railway; 1 by injury from machinery; 1 by injury from lift; 1 by fall in street; 1 by fall down stairs; 1 by fall from window; 1 by fall against fireplace; 1 by fall from bed; and 1 by fall the nature of which was not stated. An inquest was held in each of these 13 cases except the last two. Five cases of suicide were registered, the corrected average being 9.

GREATHER LONDON.

In Greater London 3531 births and 2016 deaths were registered, corresponding to annual rates of 32·7 and 18·6 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles and 10 from diphtheria were registered. In West Ham sub-district 2 fatal cases of measles, 2 of scarlet fever, and 2 of "fever" were recorded. Three deaths from measles occurred in Carshalton and 3 in Croydon sub-districts; and 2 deaths from diphtheria were registered in Willesden, in Leyton, and in Tottenham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·05 ins.; the lowest reading was 29·52 ins. at the beginning of the week, and the highest 30·42 ins. on Friday evening. The mean temperature of the *air* was 38°·8, and 2°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Wednesday and Thursday, but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 10·8 miles per hour, which was 2·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Tuesday to the amount of 0·04 of an inch. The duration of registered bright sunshine in the week was 14·8 hours, against 16·4 hours at Glyde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 16th March, 1889.

CITIES AND BOROUGH.	Registered during the Week ending 16th Mar., 1889.			The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.
	BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	Annual Rate per 1000 living corresponding to the Week's Deaths			Mean.		In Inches.	In Centi- metres.		
				Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Fahrenheit.				Centigrade.								
													High.					Low.	Fahrenheit.						
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS*	9,555,406	6177	3893	862	929	1	163	43	58	105	29	35	134	269	694	73	21·3	2·4	59·8	25·1	40·2	4·56	0·07	0·18	- 28 TOWNS.
LONDON	4,351,738	2699	1639	362	433	-	60	16	31	37	6	14	64	128	378	18	19·7	2·0	52·4	25·1	38·8	3·78	0·04	0·10	LONDON.
BRIGHTON	121,807	64	45	5	17	-	-	1	-	3	-	-	1	1	2	2	19·3	1·7	52·0	26·0	38·5	3·61	0·24	0·61	BRIGHTON.
PORTSMOUTH	141,253	113	55	11	12	1	-	-	-	2	1	-	1	1	7	1	20·3	1·5	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	94,510	61	46	12	18	-	-	1	-	-	-	-	-	-	7	1	25·4	0·6	-	-	-	-	-	-	NORWICH.
PLYMOUTH	78,225	55	32	9	9	-	-	1	1	2	-	-	-	1	2	1	21·3	2·7	55·5	32·6	42·2	5·67	0·05	0·13	PLYMOUTH.
BRISTOL	229,361	143	101	18	33	6	-	-	1	1	1	1	3	8	13	1	23·0	2·3	53·8	31·0	42·7	5·94	0·05	0·13	BRISTOL.
WOLVERHAMPTON	82,544	68	37	10	10	-	-	-	-	-	-	-	1	4	10	1	23·4	0·0	49·5	27·4	37·2	2·89	0·02	0·05	WOLVERHAMPTON.
BIRMINGHAM	454,835	314	160	31	43	-	3	2	3	9	2	1	4	10	33	6	18·4	2·3	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER*	150,620	104	49	12	14	-	1	-	1	2	1	3	-	3	7	3	17·0	2·4	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	137	89	23	27	-	-	-	-	3	2	-	4	10	9	2	19·5	1·3	53·6	29·2	39·5	4·17	0·01	0·03	NOTTINGHAM.
DERBY	98,529	60	33	11	6	-	-	-	1	1	1	1	2	5	7	-	17·5	1·6	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,511	76	40	10	9	-	5	-	1	1	1	-	2	5	7	-	20·4	3·6	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	407	269	57	45	13	4	4	2	4	-	2	14	16	49	6	23·1	2·2	48·7	34·7	41·3	5·17	0·16	0·41	LIVERPOOL.
BOLTON	114,670	70	67	12	16	-	8	1	2	-	1	1	1	3	5	2	30·5	5·9	-	-	-	-	-	-	BOLTON.
MANCHESTER	378,800	205	202	31	43	-	21	2	3	5	2	2	5	11	31	2	27·8	4·8	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,283	168	107	29	17	7	7	3	5	1	4	4	4	8	21	3	23·8	5·3	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	68	46	6	11	-	1	-	1	3	1	2	2	2	2	1	16·9	2·9	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	93	77	17	9	-	12	3	-	3	1	1	2	4	4	1	33·1	8·2	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	95	65	21	8	-	1	-	3	11	-	-	2	4	3	-	32·5	7·5	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	48	44	9	11	-	5	-	1	-	-	-	2	2	4	-	24·7	3·4	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	81,030	38	40	9	7	-	-	-	1	-	-	-	3	3	5	2	25·7	0·6	-	-	-	-	-	-	HALIFAX.
BRADFORD*	235,056	133	92	19	16	-	-	1	-	5	-	2	4	6	14	1	20·4	1·8	53·2	31·4	40·0	4·44	0·12	0·30	BRADFORD.
LEEDS	357,449	214	167	33	41	-	9	3	-	3	4	-	2	11	21	1	24·4	2·8	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	242	156	36	32	-	11	4	1	1	2	1	2	6	15	9	24·9	3·2	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	127	90	29	19	-	1	-	1	1	-	-	1	2	13	8	22·6	0·5	58·0	29·0	39·8	4·33	0·00	0·00	HULL.
SUNDERLAND	184,193	105	36	13	6	-	-	-	-	1	1	-	5	5	3	-	14·0	0·8	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE*	160,983	115	72	14	14	-	-	-	1	3	-	-	3	8	11	3	23·3	1·3	52·0	33·0	41·5	5·28	0·00	0·00	NEWCASTLE.
CARDIFF*	112,712	95	37	13	3	-	-	-	-	3	-	-	2	4	6	1	17·1	1·4	-	-	-	-	-	-	CARDIFF.
EDINBURGH	206,000	142	101	18	25	-	1	1	3	4	-	1	1	8	23	18	19·7	2·0	56·2	29·5	42·4	5·78	0·14	0·36	EDINBURGH.
GLASGOW	528,144	381	239	72	56	-	37	3	1	25	1	4	14	3	38	35	32·5	7·0	53·5	26·9	43·2	6·22	0·11	0·23	GLASGOW.
DUBLIN	383,082	206	151	30	52	-	3	1	-	2	4	-	3	3	64	27	26·7	1·5	57·4	27·8	45·0	7·22	0·04	0·10	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the ELEVENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2638	2757	2709	2574	2771	2761	2675	2750	2501	2629	2918.6	2699
Males . .	1327	1410	1350	1344	1468	1384	1330	1356	1251	1352	1480.0	1366
Females .	1311	1347	1359	1230	1303	1377	1345	1394	1250	1277	1438.6	1333
TOTAL Deaths	1989	1465	1459	1691	1854	1660	1678	2413	1652	1604	1904.5	1639
Males . .	962	768	722	866	974	856	841	1229	829	797	964.4	818
Females .	1027	697	737	825	880	804	837	1184	823	807	940.1	826

*The numbers in this column are the average weekly numbers in the eleventh weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	
TOTAL Births	- -	2655	1876	2855	2668	2837	2599	2662	2772	2511	2695	2609	2698	2699	
TOTAL Deaths	- -	1802	1641	1784	2075	1769	1620	1570	1460	1516	1567	1472	1637	1639	
Ages at Death	{ 0—20 years	-	888	779	825	850	776	709	714	650	655	666	681	695	719
	{ 20—40 "	-	197	173	204	218	197	162	158	181	182	202	153	175	189
	{ 40—60 "	-	286	277	303	333	288	280	270	243	279	278	254	309	298
	{ 60—80 "	-	356	335	366	506	423	394	338	313	322	337	314	391	357
	{ at 80 years & upwds.	-	75	77	81	118	80	75	90	73	73	84	70	67	76
"	{ Under 1 year	-	390	345	372	373	373	325	370	324	326	344	349	322	362
	{ 1—5	-	375	341	338	370	315	231	250	233	247	238	257	277	249
	{ 5—20	-	123	93	115	107	88	103	94	93	82	84	75	96	103
Deaths from Small-pox		-	-	-	-	-	-	-	-	-	-	-	-	-	
"	" Measles	-	184	147	143	176	121	83	71	56	43	70	67	76	60
"	" Scarlet fever	-	25	20	12	17	19	20	11	12	16	14	12	16	16
"	" Diphtheria	-	39	34	33	21	38	33	38	24	24	27	25	20	31
"	" Whooping-cough	-	25	28	32	37	36	24	38	33	31	31	31	29	37
"	" Typhus	-	-	-	-	-	-	-	-	-	1	1	-	-	-
"	" Enteric fever	-	12	8	14	10	7	10	10	5	13	8	6	4	6
"	" Simple Cont ^d fever	-	-	-	1	1	-	1	1	-	-	-	-	3	-
"	" Diarrhoea and Dysentery	-	16	14	11	12	11	24	13	18	10	16	18	15	14
"	" Cholera	-	-	-	-	1	-	-	-	1	-	-	-	-	2
"	" all the above-mentioned Diseases	-	301	251	246	275	232	195	182	148	138	167	160	163	166
"	" Dis. of Respiratory System	-	440	412	484	652	492	456	409	340	376	362	362	402	396
"	" Phthisis	-	153	152	154	187	136	152	138	140	158	156	127	161	162
"	" Dis. of Circulatory System	-	127	130	160	195	155	141	142	132	120	130	116	150	157
Violent Deaths		- -	81	52	61	58	63	50	55	49	44	65	57	52	64
Inquest Cases		- -	154	107	132	143	121	102	104	91	98	114	118	114	128
Deaths in Public Institutions		- -	395	335	360	393	386	401	382	314	375	353	353	395	378
TEMPERATURE OF THE AIR															
Mean		-	40.4	42.5	31.8	35.3	37.8	38.5	43.1	35.6	34.3	41.4	32.8	37.4	38.8
Mean of Highest readings		-	44.4	47.3	36.1	39.7	41.0	43.3	49.4	41.9	40.9	47.3	37.7	46.3	46.8
Mean of Lowest readings		-	36.0	36.6	27.1	30.9	34.0	33.6	36.5	30.2	27.1	36.2	29.8	28.9	31.2
Humidity of the Air		- -	94	90	93	93	87	93	88	81	84	81	83	75	80
Rain-fall in inches		- -	0.13	0.66	0.00	0.49	0.62	0.15	0.22	0.80	1.19	0.05	0.13	0.54	0.04
Registered Sunshine (in hours)		- -	6.2	4.6	3.2	2.7	1.5	5.3	13.0	7.4	8.7	14.9	7.6	26.0	14.8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandrosborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. B. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Deaths from different Causes.

111

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 11th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 16th March 1889.										CAUSES OF DEATH.	Corrected Averages for the 11th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 16th March 1889. †																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			0-1.	1-5.	5-20.																				0-1.	1-5.	5-20.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
ALL CAUSES - -	1904.5	1639	302	249	108	189	298	357	76			Diseases of Organs of Special Sense † - -	2.7	4	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† At the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

Deaths from some Zymotic and other Causes.

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2699	1639	362	433	-	60	16	31	37	-	6	-	14	64	128	378	18	
West Districts		689,633	416	272	57	69	-	9	-	4	9	-	1	-	2	7	18	75	2	
North Districts		905,947	607	340	73	99	-	7	6	8	9	-	3	-	5	14	21	73	1	
Central Districts		282,238	136	107	12	29	-	1	-	2	1	-	-	-	-	2	7	33	-	
East Districts		692,738	555	345	87	88	-	6	1	5	3	-	2	-	-	23	41	102	1	
South Districts		1,265,148	985	569	133	143	-	37	9	12	15	-	-	-	7	18	83	93	14	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		68888	37	31	8	8	-	1	-	1	1	-	-	-	-	3	4	4	-	
St. John Paddington H - - - G.J.		37390	6	10	1	1	-	-	-	-	-	-	-	-	1	-	-	7	-	
Kensington Town W - - - W.M.		126141	60	39	11	14	-	-	-	-	1	-	-	-	-	-	2	13	-	
Brompton H - - - W.M. & C.		48010	12	19	2	7	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Peter Hammersmith - - - W.M.		7399	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	59	31	10	5	-	1	-	1	3	-	1	-	-	2	4	1	-	
Fulham W - - - W.M. & C.		42900	68	30	9	10	-	-	-	-	-	-	-	-	-	-	1	6	-	
Chelsea South HHH - - - C.		6396	21	14	3	1	-	-	-	-	2	-	-	-	-	1	3	2	-	
Chelsea North-west WHHHHH C.		21925	33	25	4	4	-	-	-	-	-	-	-	-	-	-	-	16	-	
Chelsea North-east - - - C.		32897	27	6	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
May Fair WW - - - G.J.		39353	7	13	2	6	-	-	-	-	1	-	-	-	-	-	-	4	1	
Belgrave WHHH - - - C.		95220	24	19	1	5	-	1	-	1	1	-	-	-	-	-	-	9	-	
St. John Westminster HHH - - C.		35496	30	11	1	1	-	3	-	-	-	-	-	-	-	-	-	1	-	
St. Margaret Westminster H - C.		24670	14	9	1	2	-	-	-	1	-	-	-	-	-	-	-	4	-	
St. James Westminster WHH N.R. & G.J.		29341	11	9	2	2	-	1	-	-	-	-	-	-	-	1	1	1	-	
St. Anne Soho HHHHHHH - N.R.		18608	7	6	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26769	13	12	1	4	-	-	-	-	1	-	-	-	-	-	-	2	-	
Cavendish Square HHHH - W.M.		14391	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.		24809	11	8	5	4	-	2	-	-	-	-	-	-	1	-	-	-	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	29	7	2	8	-	-	-	-	1	-	-	-	-	-	2	-	-	
Christchurch Marylebone HHH - W.M.		38700	23	15	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - - W.M.		33633	13	14	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WWHHHH N.R. & W.M.		45452	39	16	5	3	-	1	1	1	-	-	-	-	-	-	2	2	-	
Regent's Park Paneras H - - W.M.		39115	20	14	4	2	-	-	1	-	-	-	-	-	-	-	1	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	28	17	-	3	-	3	-	-	-	-	-	-	1	1	1	13	-	
Gray's Inn Lane HHH - - N.R.		30247	29	13	3	2	-	-	-	-	-	-	-	-	-	1	1	5	-	
Somers Town H - - - N.R.		34369	56	17	5	4	-	-	-	-	-	-	1	-	-	2	1	1	-	
Camden Town WH - - - N.R.		17311	17	12	1	5	-	-	-	-	-	-	-	-	-	-	1	9	-	
Kentish Town W - - - N.R.		87437	43	31	8	10	-	-	-	2	-	-	-	-	-	1	4	5	-	
Upper Holloway WWHH - - N.R.		67916	53	36	5	13	-	-	-	1	1	-	-	-	-	3	2	17	-	
Islington South-west HH - - N.R.		100976	62	35	7	9	-	-	-	1	-	-	1	-	2	2	3	-	-	
Islington South-east - - - N.R.		61825	45	18	5	4	-	1	-	-	-	-	1	-	1	1	1	-	-	
Highbury H - - - N.R.		52043	33	12	6	4	-	-	-	1	-	-	-	-	-	-	-	-	-	
Stoke Newington H - - - N.R.		22781	13	7	1	5	-	-	-	-	-	-	-	-	-	1	1	-	-	
Stamford Hill - - - E.L.		9277	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - - N.R.		37610	17	15	5	5	-	3	-	1	-	-	-	-	-	1	2	1	-	
Hackney WWHWHH - - - E.L. & N.R.		76911	65	37	7	10	-	-	4	4	-	-	1	-	-	1	2	21	1	
South Hackney - - - E.L.		39383	26	6	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		16281	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - - N.R.		14884	6	10	1	5	-	-	-	-	-	-	-	-	-	-	1	5	-	
St. Giles North - - - N.R.		13837	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	6	7	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	
St. Mary-le-Strand H - - - N.R.		7515	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - - N.R.		8559	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	
Strand Union Workhouse, Edmonton w.		-	-	6	-	5	-	-	-	-	-	-	-	-	-	-	6	-	-	
St. Geo.-the-Martyr HHHHHHH N.R.		18671	13	5	1	-	-	-	-	-	-	-	-	-	-	-	-	8	-	
St. Andrew Eastern W - - - N.R.		10706	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H - - - N.R.		6533	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.		17516	19	7	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
Amwell Clerkenwell - - - N.R.		19281	11	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - - N.R.		14773	10	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - - N.R.		17506	12	6	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Old-street H - - - N.R.		11541	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - - N.R.		18628	14	9	2	2	-	-	-	-	-	-	-	-	-	1	2	2	-	
Whitecross-street - - - N.R.		9217	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - - N.R.		7463	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - - N.R. & E.L.		11174	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - - N.R.		7193	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - - N.R.		5395	-	11	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Bride W - - - N.R.		8395	1	4	-	3	-	-	-	-	-	-	-	-	-	-	-	11	-	
Allhallows Barking - - - N.R.		13666	2	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - - N.R.		5632	-	5	-	1	-	-	-	1	-	-	-	-	-	1	1	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
tuesday, the 16th March, 1889.

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Births.	Deaths:		Deaths from													
			Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.	
EAST DISTRICTS.																		
St. Leonard Shoreditch	N.R. & E.L.	7276	9	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R.	14967	13	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R.	29387	18	24	8	10	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R.	28086	25	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R. & E.L.	46275	42	28	9	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	29788	27	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	47932	42	31	2	9	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	29881	26	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	19810	17	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L. & N.R.	22585	16	15	4	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	15473	12	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L. & N.R.	17490	14	34	2	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	9713	5	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R. & E.L.	6102	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	38747	27	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	8410	11	13	2	6	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L. & N.R.	10393	10	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	16107	9	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	32011	16	14	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	37900	21	15	5	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	67633	56	16	8	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	37074	37	21	6	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	64359	54	42	5	13	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	E.L.	55077	41	25	5	7	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																		
St. Leonard Shoreditch	L. & S.	13663	9	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	14999	13	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	21881	23	15	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	15953	17	10	5	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	21315	21	14	5	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	35672	19	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	35655	41	31	9	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	11823	13	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	11956	8	19	4	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	16390	12	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	15669	13	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	54652	40	14	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & K.	36024	30	25	4	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	15165	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	16351	19	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	19716	18	15	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	39859	35	35	8	14	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	45232	40	14	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	38332	14	10	2	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	62837	35	18	2	6	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L.	19017	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	54675	42	15	9	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	52587	60	27	8	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	26380	23	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	28004	29	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S.	15235	9	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L.	25533	27	12	3	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	5590	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	S. & L.	59104	42	41	4	21	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & K.	71089	41	19	7	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L. & S.	60810	41	27	10	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	76712	68	32	5	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	7991	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	21972	10	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	24603	32	20	3	6	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	2043	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	21559	7	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	19865	15	10	1	7	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	L.	25076	18	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	10930	8	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	17517	18	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	19045	16	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	14009	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	K.	19241	28	14	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Metropolitan Asylum Hospitals:																		
St. Leonard Shoreditch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Solihull Infirmary in Upper Holloway sub-district.
London City Workhouse Hackney sub-district.
Holloway " Mile End Old Town Eastern sub-district.
Whitechapel " Mile End Old Town Eastern sub-district.
London City " Mile End Old Town Eastern sub-district.
and Bromley sub-district.
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holloway Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dulwich, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 16th March, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, Inclu- ding Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes. of 1881.		
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING						370,924	950,957	832	377	97	90	-	12	2	10	5	3	5	11	16	41	3
30: 1	Carshalton <i>wL</i> -	12228	21118	14	11	1	2	-	8	-	-	1	-	-	2	2	-	-	-	-	-	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of)* -	2754	1235	2	2	1	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	
38: 1	Croydon <i>WwHHL</i> -	20851	101241	56	84	8	6	-	3	-	-	-	-	-	-	-	-	-	-	7	-	
2	Mitcham <i>w†</i> -	11697	17932	15	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	17	11	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	27	17	2	3	-	-	-	-	-	-	-	1	1	3	-	-	-	-	
3	Esher (part of)* -	6601	9221	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	9	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2272	21302	10	10	2	3	-	-	-	-	-	-	-	1	1	1	-	-	1	-	
2	Mortlake -	2911	12331	12	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
41: 1	Bromley (pt. of)* <i>HH</i>	15639	81142	18	7	1	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	11	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42: 1	Bexley <i>H</i> -	13437	24134	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i> -	11055	11635	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	7	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10892	8	6	2	2	-	-	-	1	-	-	-	-	-	-	-	-	2	-	
2	Uxbridge -	6178	3225	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	12	7	-	2	-	-	-	-	-	-	-	1	1	1	3	-	-	-	
126: 1	Isleworth <i>WHH</i> -	7008	22727	11	13	3	6	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
2	Twickenham <i>H</i> -	2477	12479	9	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
3	Brentford <i>HL</i> -	4345	27649	22	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Chiswick -	1349	15975	17	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	6983	22376	17	8	4	-	-	-	-	-	1	3	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H</i> -	13809	12796	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
2	Edgware <i>H</i> -	6994	3749	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willersden -	4333	27453	43	16	7	2	-	-	-	2	-	-	-	1	2	-	-	-	-	-	
4	Hendon <i>W</i> -	8382	10484	12	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
137: 1	Bushey -	9331	6621	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138: 1	South Mimms -	15599	6391	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10092	6	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
3	Finchley <i>HL</i> -	4698	17615	16	9	3	2	-	-	-	-	-	-	-	1	1	4	-	-	-	-	
135: 1	Hatfield (part of)* -	3506	583	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
139: 1	Hornsey <i>H</i> -	2039	37078	30	16	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
2	Tottenham <i>H</i> -	4642	40456	55	28	9	6	-	-	-	2	2	-	-	-	-	-	-	1	3	-	
3	Edmonton <i>Ww†</i> -	7453	23463	29	11	2	5	-	-	-	1	-	-	-	-	-	-	-	-	8	-	
4	Enfield <i>WH</i> -	12653	19104	15	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5338	2	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8480	7731	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Stratford -	892	38063	34	11	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	West Ham <i>wowwH‡</i> -	7351	101053	138	53	14	9	-	2	2	-	1	2	1	1	1	-	-	-	1	-	
3	Leyton <i>WwL</i> -	4372	32430	43	12	-	5	-	-	-	2	-	-	-	-	-	-	-	-	3	1	
4	Walthamstow <i>H</i> -	6520	28369	31	7	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Chigwell (part of)* <i>H</i>	11761	9693	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford (part of)* <i>W</i>	6730	3411	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
3	Barking Town -	4127	9203	12	6	2	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Kneobholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Nortaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th March, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	18·6	1·9	2016	459	523	-	72	18	41	42	9	19	75	419	
INNER LONDON -	77,410	4,351,738	19·7	2·0	1639	362	433	-	60	16	31	37	6	14	64	378	
OUTER RING -	370,924	1,290,277	15·2	1·5	377	97	90	-	12	2	10	5	3	5	11	41	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,551,080 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	February 19	300	459	26·5	10	22	?	?	?	147	31†	
MADRAS -	398,777	" 1	292	399	52·2	1	10	?	?	?	86	102†	
PARIS -	2,260,945	March 9	1253	1111	25·6	3	34	4	47*	4	6	60	
BRUSSELS -	462,069	" 9	276	206	22·7	-	3	-	-	2	-	13	
(with 8 Faubourgs.)													
AMSTERDAM -	390,016	" 9	300	187	24·3	-	6	-	7	-	1	-	
ROTTERDAM -	197,723	" 9	151	122	32·0	-	2	-	-	2	-	4	
THE HAGUE -	153,440	" 9	121	53	17·9	-	-	-	-	-	-	-	
COPENHAGEN -	307,000	" 2	228	119	20·2	-	-	-	6	5	-	10	
STOCKHOLM -	221,549	" 2	145	75	17·6	-	-	2	1	-	-	6	
CHRISTIANIA -	135,600	" 9	79	54	20·7	-	-	2	5	1	-	3	
S. PETERSBURG -	842,883	" 2	-	590	36·5	1	-	14	9	4	22	84	
BERLIN -	1,470,582	February 23	939	603	21·3	-	4	5	24	8	6	35	
HAMBURG (State) -	550,694	March 2	436	254	24·1	-	-	1	9*	4	6	21	
DRESDEN -	264,196	" 2	154	94	18·5	?	-	-	3*	?	1	5	
BRESLAU -	313,451	" 9	227	171	28·6	-	-	2	11*	-	2	9	
MUNICH -	281,000	" 2	212	151	27·9	-	7	3	4*	-	2	14	
VIENNA -	811,434	" 2	532	439	28·1	-	11	6	7	-	4	29	
PRAQUE -	300,828	" 2	-	163	28·3	16	1	1	11	-	-	3	
BUDA-PESTH -	452,907	" 2	339	303	34·8	-	-	1	10	3	9	16	
TRIESTE -	158,084	" 2	-	79	26·0	1	-	1	1	-	-	1	
ROME -	401,044	January 19	283	243	32·2	3	2	2	5	1	9†	10	
TURIN (10 days) -	306,398	February 10	269	208	24·8	1	-	-	5	4	2	9	
VENICE -	153,218	" 23	87	122	41·6	4	4	-	1	-	-	8	
CAIRO -	374,388	" 21	418	304	42·3	2	-	-	2*	2	15	73	
ALEXANDRIA -	231,396	" 21	223	245	55·2	1	14	-	-	1	10	62	
NEW YORK -	1,549,500	" 23	-	870	29·3	-	12	53	52	15	4	16	
BROOKLYN -	814,505	" 23	-	341	21·8	-	9	12	19	10	-	3	
PHILADELPHIA -	1,040,245	" 23	-	347	17·4	-	1	11	7	4	18	-	
BALTIMORE -	500,343	" 23	-	178	18·6	-	-	-	2	2	2	2	

* Including deaths from croup.

† Including 7 deaths from cholera in Bombay, and 16 in Madras.

‡ Including 6 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS Taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16th MARCH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected								
Phases of the Moon.	Mean daily reading (corrected and reduced to 32° Fahr.).	Of the Air.					Of the Dew Point.		Difference between, the Air, Dew Point, and Radiation.			Of Radiation.		Of the Water at Deptford.		Oscillations.			Robinson's.	Horizontal Movement of the Air on any Day.	Departure from Average of the 16 Years.	Ozone.			
		High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average value, 30 years.	Mean daily value.	Great. est.	Least. est.	High. est.	Low. est.	Mean hourly obs.	Great. est.	General Direction.	P.M.	A.M.	Pressure on the Square Foot.	Miles.					Miles.	in.	
MARCH.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	
SUN. . 10	..	29.570	41.1	31.3	12.8	37.3	- 3.4	34.9	2.4	6.2	0.0	91	53.5	26.5	42.0	39.9	NE. & Calm	NNE. & E.	0.0	0.0	0.0	140	- 139	0.00	
MON. . 11	Orion Dec. N.	29.884	45.6	33.0	12.6	38.7	- 2.1	29.6	9.1	15.2	3.9	70	102.2	24.0	43.2	41.7	N. & NNE.	NNE.	4.4	0.0	0.4	391	+ 65	0.00	
TUES. . 12	..	30.095	46.1	28.4	17.7	37.5	- 3.3	33.3	1.2	4.4	0.0	95	68.2	19.5	43.8	40.2	N. & WSW.	WSW. & W.	0.0	0.0	0.0	192	- 132	0.04	
WED. . 13	..	30.010	52.4	37.9	14.5	45.3	+ 4.4	39.7	5.6	10.6	1.4	81	75.4	20.4	42.2	39.4	WSW. & NW.	NNW. & NNE.	2.7	0.0	0.1	315	- 7	0.00	
THURS. . 14	..	30.171	48.3	36.6	11.7	41.5	+ 0.5	32.7	8.8	13.0	3.7	71	100.0	29.7	42.0	40.7	NNE. & N.	N. & NNE.	2.1	0.0	0.1	311	- 8	0.00	
FRI. . 15	..	30.400	40.8	26.0	14.8	32.8	- 8.3	24.2	8.6	13.5	3.0	70	92.4	17.0	42.2	41.2	NNE. & ENE.	ENE. & SE.	1.4	0.0	0.0	207	- 110	0.00	
SAT. . 16	..	30.208	50.0	25.1	24.9	38.5	- 2.7	34.1	4.4	10.3	1.0	84	88.0	16.1	43.1	41.7	SW. & WSW.	SW. & WNW.	1.4	0.0	0.0	260	- 55	0.00	
MEANS .	..	30.045	46.8	31.2	15.6	38.8	- 2.1	33.1	5.7	10.5	1.9	80	83.7	23.2	42.6	40.7	Variable.		..	..	..	Sum 1816	Sum -436	Sum 0.04
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Sunshine, Horizon, in hours.					GENERAL REMARKS.				
MARCH.		0.0	11.4	11.5	11.6	11.7					
SUNDAY . 10		0.0	11.4	11.5	11.6	11.7	Overcast. Foggy in morning. A little rain in afternoon.				
MONDAY . 11		5.4	11.5	11.6	11.7	11.8	Fine. Partially cloudy till evening; cloudless at night.				
TUESDAY . 12		0.0	11.6	11.7	11.8	11.9	Fine in early morning; overcast and showery till afternoon; slightly foggy in evening; cloudless at night.				
WEDNESDAY . 13	Instrument under adjustment.	0.4	11.6	11.7	11.8	11.9	Generally cloudy.				
THURSDAY . 14		3.4	11.7	11.8	11.9	12.0	Overcast in morning; fine and partially cloudy till 3h. P.M.; overcast afterwards. A little thin rain at night.				
FRIDAY . 15		4.4	11.8	11.9	12.0	12.1	Partially cloudy till evening; cloudless at night. Very fine.				
SATURDAY . 16		1.2	11.8	11.9	12.0	12.1	Generally cloudy.				
Sum		14.8	Sum 61.4	Sum 61.4	Sum 61.4	Sum 61.4					

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.32 in. at the beginning of the week to 30.11 in. by 9h. P.M. on the 12th; decreased to 29.99 in. by noon on the 13th; increased to 30.22 in. by 9h. P.M. on the 14th; and decreased to 30.11 in. by the end of the 16th.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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General Register Office, Somerset House,
25th March, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·8 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.		Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.
Birkenhead	20·4	19·3	20·4	18·8	Liverpool -	24·0	23·7	23·1	24·2
Birmingham	18·9	17·2	18·4	20·1	London -	17·6	19·6	19·7	18·6
Blackburn -	28·4	31·0	33·1	36·1	Manchester -	25·3	29·6	27·8	31·5
Bolton -	21·4	23·7	30·5	26·4	Newcastle-upon-Tyne*	26·3	30·5	23·3	19·4
Bradford* -	18·9	22·2	20·4	19·1	Norwich -	17·7	23·7	25·4	19·3
Brighton -	14·6	16·3	19·3	15·0	Nottingham -	19·5	19·1	19·5	20·4
Bristol -	17·7	17·3	23·0	18·7	Oldham -	23·5	23·8	16·9	21·6
Cardiff*	15·3	18·1	17·1	23·1	Plymouth -	28·0	17·3	21·3	23·3
Derby -	16·9	14·3	17·5	17·5	Portsmouth -	18·5	23·6	20·3	20·7
Halifax -	23·8	21·2	25·7	16·1	Preston -	33·6	28·5	32·5	29·5
Huddersfield	22·5	15·7	24·7	19·7	Salford* -	22·0	24·1	23·8	22·3
Hull -	15·3	17·6	22·6	18·8	Sheffield -	23·9	24·6	24·9	23·9
Leeds -	20·3	22·5	24·4	26·3	Sunderland -	19·1	21·4	14·0	28·8
Leicester*	19·1	17·3	17·0	16·6	Wolverhampton -	21·5	26·5	23·4	18·3

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·8 in Bristol, 2·5 in Birkenhead, 2·8 in Huddersfield, 3·3 in Manchester, 4·5 in Bolton, and 4·7 in Blackburn; from *scarlet fever*, 1·1 in Manchester and 1·3 in Blackburn; and from *whooping-cough*, 1·4 in Birmingham and in Cardiff, 1·6 in Newcastle-upon-Tyne, 2·0 in Plymouth, 2·2 in Blackburn, and 4·0 in Preston. The death-rate from "*fever*," did not reach 1·0 in any of the twenty-eight towns. The 45 deaths from *diphtheria* in these towns included 23 in London, 5 in Salford, 3 in Bolton, 2 in Manchester, 2 in Norwich, and 2 in Birmingham. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2670 BIRTHS and 1555 DEATHS were registered. Allowing for increase of population, the births were 172, and the deaths 371, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·6, 19·6, and 19·7 in the three preceding weeks, declined again last week to 18·6. During the first twelve weeks of the current quarter the death-rate averaged 19·6 per 1000, and was 3·8 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1555 deaths included 84 from measles, 6 from scarlet fever, 23 from diphtheria, 42 from whooping-cough, 4 from enteric fever, 18 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 177 deaths were referred to these diseases, being 49 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 12; 2 small-pox patients were under treatment at the end of the week in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 76 and 60 in the two preceding weeks, rose again last week to 84, exceeding the number in any week since the end of January, and being 38 above the corrected average; 5 belonged to Islington, 5 to Hackney, 7 to Newington, 4 to St. Olave, 6 to Bermondsey, 6 to Lambeth, 7 to Camberwell, 6 to Greenwich, and 9 to Plumstead sanitary areas. The deaths from *scarlet fever*, which had been 16 in each of the two previous weeks, declined last week to 6; they were 20 below the corrected average, and fewer than in any previous week of this year. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 569 scarlet fever patients, against numbers ranging in the eighteen preceding weeks from 980 to 602; 58 cases were admitted to these hospitals during the week, against 64 and 52 in the two previous weeks. The fatal cases of *diphtheria*, which had been 20 and 31 in the two preceding weeks, declined again last week to 23, but exceeded the corrected average by 9; 4 belonged to Hackney, 5 to Lambeth, and 2 to Camberwell sanitary areas. The 42 deaths from *whooping-cough* showed a further increase upon recent weekly numbers, but were 53 below the corrected average; 4 belonged to Marylebone, 5 to Islington, 3 to Bermondsey, 7 to Camberwell, and 3 to Plumstead sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 18, 15, and 14 in the three preceding weeks, rose again last week to 18, and exceeded the corrected average by 3; 12 were of children aged under five years.

The deaths referred to *enteric fever*, which had been 4 and 6 in the two preceding weeks, declined again last week to 4, and were 11 below the corrected average. The death of an army officer was referred to *malarial fever*. The Metropolitan Asylum Hospitals contained 43 cases of enteric fever, and 2 of typhus on Saturday last; 3 cases of enteric fever were admitted during the week, against 7, 2, and 1 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 402 and 396 in the two preceding weeks, further declined last week to 378, and were 161 below the corrected average.

Different forms of violence caused 54 deaths; 44 were the result of negligence or accident, among which were 19 from fractures and contusions, 3 from burns and scalds, 4 from drowning, 1 from poison, and 14 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the street; 1 by fall from horse; 4 by accidents on railway; 2 by fall of heap of artificial manure; 2 by fall down stairs; 1 by fall down area; 1 by fall from bed; 2 by fall in street; and 1 by fall the nature of which was not stated. An inquest was held in each of these 19 cases. Nine cases of suicide were registered, the corrected average being 7.

GREATER LONDON.

In Greater London 3437 births and 1952 deaths were registered, corresponding to annual rates of 31·8 and 18·1 per 1000 of the estimated population. In the Outer Ring 23 deaths from measles, 6 from whooping-cough, and 5 from diphtheria were registered. Of the fatal cases of measles, 9 occurred in Chigwell, and 8 in West Ham sub-districts; and the deaths from whooping-cough included 2 in Acton and 2 in West Ham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·58 ins.; the lowest reading was 28·82 ins. on Wednesday afternoon, and the highest 30·13 ins. on Saturday morning. The mean temperature of the *air* was 42°·5, and 1°·0 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Thursday and Friday, but showed an excess on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 13·4 miles per hour, which was 0·5 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·46 of an inch. The duration of registered bright sunshine in the week was 18·4 hours, against 17·3 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the week ending 23rd MARCH, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 23rd Mar., 1889.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.			
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Deaths of		Deaths from								From All Causes.	From Unidentified Causes of Death.	Mean.			In Inches.	In Centi- metres.				
					Persons aged 60 Years and upwards.	1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.			Inquest Cases.	Deaths in Public Institutions.	Highest.				Lowest.	Fahrenheit.	Centigrade.
COLS.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	COLS.
28 TOWNS*	9,555,406	5926	3818	863	973	-	200	44	45	116	27	37	112	238	630	93	20.8	2.6	58.3	25.3	40.9	4.94	0.75	1.90	- 28 TOWNS.
LONDON	4,351,738	2670	1555	318	449	-	84	6	23	42	4	18	54	112	305	22	18.6	2.1	56.0	31.5	42.5	5.83	0.46	1.17	LONDON.
BRIGHTON	121,807	60	35	7	15	-	1	-	1	1	1	1	1	2	6	2	15.0	1.7	51.0	30.8	40.8	4.80	0.49	1.24	BRIGHTON.
PORTSMOUTH	141,253	97	56	8	17	-	-	-	-	-	-	-	-	1	3	8	20.7	0.4	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	94,610	70	35	9	11	-	-	-	2	-	-	-	-	1	3	3	19.3	1.1	-	-	-	-	-	-	NORWICH.
PLYMOUTH	78,225	44	35	11	13	-	1	-	-	3	-	-	-	-	-	-	23.3	2.7	51.0	30.0	41.6	5.33	0.46	1.17	PLYMOUTH.
BRISTOL	229,361	143	82	20	26	-	8	-	1	1	1	1	2	3	10	3	18.7	2.7	53.0	28.5	41.9	5.50	0.40	1.03	BRISTOL.
WOLVERHAMPTON	82,544	65	29	8	8	-	1	-	-	1	-	-	-	1	-	1	18.3	1.3	50.8	25.3	39.6	4.22	0.46	1.17	WOLVERHAMPTON.
BIRMINGHAM	454,835	249	175	40	20	-	1	5	2	12	3	2	7	15	24	4	20.1	2.9	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER*	150,620	101	48	14	13	-	2	-	1	-	-	-	2	8	5	2	16.6	1.0	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	142	93	30	24	-	-	-	3	-	1	1	3	6	6	3	20.4	1.1	58.3	30.3	40.9	4.94	1.14	2.90	NOTTINGHAM.
DERBY	138,629	52	33	7	13	-	-	1	-	-	-	-	1	3	4	2	17.5	1.1	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,511	58	37	9	7	-	5	-	-	-	-	-	-	1	3	4	18.8	2.5	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	327	281	65	60	-	16	7	1	7	3	-	9	11	39	15	24.2	2.9	53.6	33.8	41.7	5.39	0.60	1.75	LIVERPOOL.
HOLTON	114,670	71	58	14	12	-	10	-	3	1	-	-	2	3	3	2	26.4	6.4	-	-	-	-	-	-	HOLTON.
MANCHESTER	378,800	256	229	40	43	-	24	8	2	7	-	-	4	17	33	7	31.5	5.6	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,283	125	100	23	18	-	7	3	5	-	3	1	5	8	16	4	22.3	4.2	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	81	59	11	12	-	2	-	-	-	1	1	1	7	2	21.6	2.6	-	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	92	84	23	11	-	11	3	-	5	1	-	1	2	11	1	36.1	8.6	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	87	50	15	19	-	2	1	1	8	-	-	-	1	7	1	29.5	6.5	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	38	35	8	5	-	5	-	1	-	-	-	-	1	3	2	19.7	3.9	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	81,080	44	25	8	5	-	-	1	-	-	-	-	-	-	4	2	16.1	0.6	-	-	-	-	-	-	HALIFAX.
BRADFORD*	235,056	147	86	29	14	-	-	2	-	4	1	3	3	5	9	2	19.1	2.2	50.0	29.8	40.4	4.67	0.91	2.31	BRADFORD.
LEEDS	357,449	243	180	40	48	-	8	1	-	3	1	3	5	12	18	2	26.3	2.3	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	209	150	42	38	-	10	3	1	2	1	2	4	8	12	7	23.9	3.0	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	147	75	16	18	-	-	2	2	-	1	1	1	1	14	3	18.8	1.8	56.0	29.0	40.8	4.80	0.35	0.89	HULL.
SUNDERLAND	184,103	101	74	17	22	-	-	-	-	3	1	1	1	3	4	3	28.8	1.2	52.0	30.0	40.7	4.83	1.33	3.38	SUNDERLAND.
NEWCASTLE*	100,988	125	60	18	12	-	-	1	-	5	2	1	2	4	8	-	19.4	2.6	47.0	32.0	39.0	3.80	1.58	4.01	NEWCASTLE.
CARDIFF*	112,712	82	50	13	7	-	-	-	-	3	2	1	-	2	4	1	23.1	2.8	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	141	89	22	27	-	-	1	1	3	-	2	3	?	17	11	17.4	1.4	53.6	30.2	40.6	4.78	0.72	1.83	EDINBURGH.
GLASGOW	558,144	396	305	57	48	-	30	1	7	24	2	1	12	?	32	44	30.1	6.4	54.2	31.3	42.3	5.72	0.38	0.97	GLASGOW.
DUBLIN	353,082	224	178	30	45	-	1	1	-	1	3	2	1	4	55	38	26.3	1.2	52.1	28.3	42.9	6.06	0.58	1.47	DUBLIN.

* See note on first page of this Return.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the TWELFTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2684	2584	2610	2559	2466	2665	2537	2731	2671	2522	2841·6	2670
Males . .	1366	1342	1313	1284	1250	1342	1271	1384	1397	1284	1443·0	1404
Females .	1318	1242	1327	1275	1216	1323	1266	1347	1274	1238	1398·6	1266
TOTAL Deaths	2085	1505	1516	1827	1887	1538	1734	2141	1720	1655	1925·5	1555
Males . .	1033	766	818	884	941	709	869	1067	860	835	967·4	762
Females .	1052	739	698	943	946	789	865	1074	860	820	958·1	793

*The numbers in this column are the average weekly numbers in the twelfth weeks of the ten years 1879–88, raised by 9·048 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	
TOTAL Births	- -	1876	2855	2668	2837	2599	2662	2772	2511	2695	2609	2693	2699	2670	
TOTAL Deaths	- -	1641	1784	2075	1769	1620	1570	1460	1516	1567	1472	1637	1638	1555	
Ages at Death	{ 0—20 years	-	779	825	850	776	709	714	650	655	666	681	695	719	668
	{ 20—40 „	-	173	204	218	197	162	158	181	182	202	153	175	188	164
	{ 40—60 „	-	277	308	383	288	280	270	243	279	278	254	309	298	274
	{ 60—80 „	-	335	366	506	423	394	338	313	322	337	314	391	357	366
	{ at 80 years & upwds.	-	77	81	118	80	75	90	73	78	84	70	67	76	83
„	{ Under 1 year	-	345	372	373	373	325	370	324	326	344	349	322	362	318
	{ 1—5 „	-	341	338	370	315	281	250	233	247	238	257	277	249	276
	{ 5—20 „	-	93	115	107	88	103	94	93	82	84	75	96	108	74
Deaths from Small-pox		-	-	-	-	-	-	-	-	-	-	-	-	-	
„	„ Measles	-	147	143	176	121	83	71	56	43	70	67	76	60	84
„	„ Scarlet fever	-	20	12	17	19	20	11	12	16	14	12	16	16	6
„	„ Diphtheria	-	34	33	21	33	33	38	24	24	27	25	20	31	23
„	„ Whooping-cough	-	28	32	37	36	24	38	33	31	31	31	29	37	42
„	„ Typhus	-	-	-	-	-	-	-	-	1	1	-	-	-	-
„	„ Enteric fever	-	8	14	10	7	10	10	5	13	8	6	4	6	4
„	„ Simple Cont ^d fever	-	-	1	1	-	1	1	-	-	-	3	-	-	-
„	„ Diarrhoea and Dysentery	-	14	11	12	11	24	13	18	10	16	13	15	14	18
„	„ Cholera	-	-	-	1	-	-	-	-	1	-	-	-	2	-
„	„ all the above-mentioned Diseases	-	251	246	275	232	195	182	148	138	167	160	163	166	177
„	„ Dis. of Respiratory System	-	412	484	652	492	456	409	340	376	362	362	402	396	378
„	„ Phthisis	-	152	154	187	136	152	138	140	158	156	127	161	162	139
„	„ Dis. of Circulatory System	-	130	160	195	155	141	142	132	120	130	116	150	157	126
Violent Deaths		- -	52	61	58	63	50	55	49	44	65	57	52	63	54
Inquest Cases		- -	107	132	143	121	102	104	91	98	114	118	114	127	112
Deaths in Public Institutions		- -	335	360	398	386	401	382	314	375	353	353	395	378	365
TEMPERATURE OF THE AIR															
Mean		- -	42·5	31·8	35·3	37·8	38·5	43·1	35·6	34·3	41·4	32·8	37·4	38·8	42·5
Mean of Highest readings		- -	47·3	36·1	39·7	41·0	43·3	49·4	41·9	40·9	47·3	37·7	46·3	46·8	50·3
Mean of Lowest readings		- -	36·6	27·1	30·9	34·0	33·6	36·5	30·2	27·1	36·2	29·8	28·9	31·2	35·7
Humidity of the Air		- -	90	93	93	87	93	88	81	84	81	83	75	80	80
Rain-fall in inches		- -	0·66	0·00	0·49	0·62	0·15	0·22	0·80	1·19	0·05	0·13	0·54	0·04	0·46
Registered Sunshine (in hours)		- -	4·6	3·2	2·7	1·5	5·3	13·0	7·4	8·7	14·9	7·6	26·0	14·8	13·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 12th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd March 1889.								CAUSES OF DEATH.	Corrected Averages for the 12th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd March 1889.									
		Deaths of Persons of the Ages										Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
			0-1.	1-6.	5-20.								0-1.	1-6.	5-20.						
ALL CAUSES - -	1925.5	1555	318	276	74	164	274	366	83	Diseases of Organs of Special Sense † - -	2.1	2	2	-	-	-	-	-	-		
Small-pox { Vaccinated † - -	11.9	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	131.0	123	1	6	4	14	45	52	4		
Unvaccinated † - -		-	-	-	-	-	-	-	-	Croup - - -	12.8	6	-	5	1	-	-	-	-		
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - -	340.8	223	44	44	2	5	32	84	12		
Measles - - -	43.3	84	21	53	5	-	-	-	-	Pneumonia - - -	131.8	110	23	87	2	6	19	20	3		
Scarlet Fever - - -	26.1	6	1	2	3	-	-	-	-	Pleurisy - - -	7.0	6	-	1	-	1	2	2	-		
Typhus - - -	1.3	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	48.7	33	1	4	-	2	9	16	1		
Relapsing Fever † - -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	21.8	8	5	3	-	-	-	-	-		
Influenza - - -	0.2	-	-	-	-	-	-	-	-	Quinsy, Sore Throat † - -	2.9	2	-	-	-	1	1	-	-		
Whooping-cough - -	94.5	42	15	24	3	-	-	-	-	Enteritis - - -	7.7	4	-	1	-	1	-	2	-		
Diphtheria - - -	14.2	23	-	15	8	-	-	-	-	Peritonitis - - -	5.5	10	1	1	2	1	4	1	-		
Simple Continued and Ill-defined Fever - -	1.6	-	-	-	-	-	-	-	-	Diseases of Liver - -	29.6	59	3	-	-	9	8	18	1		
Enteric Fever - - -	14.9	4	1	-	-	1	2	-	-	Other Diseases of Digestive System -	33.1	29	4	4	3	1	7	6	4		
Cholera - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	1.2	-	-	-	-	-	-	-	-		
Diarrhoea, Dysentery -	14.6	19	8	4	-	-	1	3	2	Diseases of Urinary System - - -	42.7	41	-	1	-	10	12	17	4		
Remittent Fever - -	0.5	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	6.5	3	-	-	1	-	1	1	-		
Hydrophobia - - -	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	5.1	2	-	-	-	2	-	-	-		
Glanders - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	7.3	9	-	-	4	1	3	1	-		
Cowpox and Effects of Vaccination † - -	0.5	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - -	7.1	5	3	-	-	1	1	-	-		
Veneral Affections -	10.6	8	4	2	-	-	1	1	-	VIOLENT DEATHS.‡											
Erysipelas - - -	5.9	3	2	-	-	-	1	-	-	ACCIDENT.)											
Pyæmia and Septicæmia †	2.6	4	1	1	1	-	1	-	-	Fracture and Contusion -	20.5	19	-	1	4	1	6	6	-		
Puerperal Fever - -	3.7	2	-	-	-	2	-	-	-	Gunshot Wound - - -	0.2	-	-	-	-	-	-	-	-		
Other Zymotic Diseases †	2.3	1	-	-	-	1	-	-	-	Cut, Stab - - -	0.4	-	-	-	-	-	-	-	-		
Thrush - - -	1.5	2	1	1	-	-	-	-	-	Burn and Scald - - -	7.6	3	-	-	1	-	1	1	-		
Worms and other Parasitical Diseases - -	0.5	1	-	-	-	1	-	-	-	Poison - - -	1.2	1	-	-	-	1	2	-	-		
Starvation, Want of Breast-milk † - -	2.3	1	1	-	-	-	-	-	-	Drowning - - -	5.0	4	-	-	1	1	2	-	-		
Alcoholism - - -	5.0	8	-	-	-	2	6	-	-	Suffocation - - -	15.5	16	14	-	-	2	-	-	-		
Rheumatic Fever, Rheumatism of Heart †	6.5	8	-	-	3	3	1	1	-	Otherwise - - -	2.9	1	-	-	1	-	-	-	-		
Rheumatism † - - -	3.2	3	-	-	-	1	-	2	-	(HOMICIDE.)											
Gout - - -	2.9	4	-	-	-	-	1	3	-	Murder & Manslaughter -	1.3	1	1	-	-	-	-	-	-		
Rickets † - - -	6.4	4	8	1	-	-	-	-	-	(SUICIDE.)											
Cancer - - -	53.8	55	-	1	-	4	23	25	2	Gunshot Wound - - -	0.3	2	-	-	-	-	2	-	-		
Tabs Mesenterica - -	23.3	14	8	6	-	-	-	-	-	Cut, Stab - - -	1.2	-	-	-	-	-	1	-	-		
Tubercular Meningitis -	32.9	24	6	14	2	2	-	-	-	Poison - - -	2.1	2	-	-	-	1	1	-	-		
Phthisis - - -	193.3	130	-	4	10	67	48	10	-	Drowning - - -	1.0	1	-	-	-	1	-	-	-		
Scrofula, Tuberculosis -	18.2	16	3	8	1	3	1	-	-	Hanging - - -	1.3	1	-	-	-	-	-	-	-		
Other Constitutional Diseases † - -	11.1	17	-	-	2	2	6	7	-	Otherwise - - -	0.8	3	-	-	-	1	1	1	-		
Premature Birth - - -	38.7	31	39	-	-	-	-	-	-	(EXECUTION.)											
Atelectasis † - - -	3.2	1	1	-	-	-	-	-	-	Hanging - - -	0.2	-	-	-	-	-	-	-	-		
Congenital Malformations -	9.3	7	5	-	2	-	-	-	-	OTHER CAUSES † - -	62.1	59	52	5	-	-	1	1	-		
Old Age - - -	63.4	66	-	-	-	-	-	25	40												
Apoplexy - - -	50.2	39	2	-	1	3	7	25	-												
Epilepsy - - -	6.2	3	-	-	-	2	1	-	-												
Convulsions - - -	57.8	43	33	10	-	-	-	-	-												
Other Diseases of Brain and Nervous System	101.0	93	13	12	7	10	11	31	9												

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 9.945 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1832-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 3. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths from															Deaths in Public Institutions.	Unregistered Causes
				Infants under 1 Year of Age.	Persons aged 10 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unregistered Causes			
LONDON		3,815,704	2670	1555	318	449	-	84	6	23	42	-	4	-	18	54	112	365	2		
West Districts		681,033	396	252	48	75	-	5	-	3	5	-	-	-	3	5	12	67	1		
North Districts		905,947	563	334	63	113	-	13	3	6	11	-	2	-	3	16	23	81	-		
Central Districts		282,238	180	113	16	22	-	3	-	1	2	-	1	-	1	3	7	33	1		
East Districts		692,738	526	299	58	88	-	8	-	2	4	-	-	-	4	15	30	90	1		
South Districts		1,265,148	1005	557	133	151	-	55	3	9	20	-	1	-	7	15	87	91	19		
METROPOLITAN ASYLUM FOR FEMALE OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		09898	41	29	1	14	-	-	-	-	-	-	-	-	1	-	-	10	-		
St. John Paddington H - - G.J.		37330	7	15	4	4	-	-	-	-	1	-	-	-	-	-	-	7	-		
Kensington Town W - - W.M.		129141	61	39	4	13	-	-	-	-	-	-	-	-	1	1	4	13	-		
Brompton H - - W.M. & C.		48010	11	5	1	2	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. Peter Hammersmith - - W.M.		7599	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	61	30	10	7	-	2	-	2	-	-	-	-	1	1	1	2	-		
Fulham W - - W.M. & C.		42900	66	32	11	6	-	1	-	-	-	-	-	-	-	-	-	3	-		
Chelsea South HHH - - C.		0396	19	8	-	1	-	1	-	-	-	-	-	-	-	1	1	-	-		
Chelsea North-west WHHHHH C.		24925	20	14	1	3	-	-	-	-	-	-	-	-	-	-	-	5	-		
Chelsea North-east - - C.		32807	27	11	5	1	-	-	1	-	-	-	-	-	-	-	1	-	-		
May Fair WW - - G.J.		30353	9	14	2	7	-	-	-	1	1	-	-	-	-	-	-	7	-		
Belgrave WHH - - C.		69220	23	20	3	4	-	-	1	1	-	-	-	-	-	1	1	7	1		
St. John Westminster HHH - - C.		35498	21	8	-	4	-	-	-	-	-	-	-	-	-	1	1	-	-		
St. Margaret Westminster H - - C.		24679	8	8	-	1	-	-	1	-	-	-	-	-	-	-	-	6	-		
St. James Westminster WHH N.R. & G.J.		29941	9	17	4	6	-	1	-	-	-	-	-	-	-	-	1	2	-		
St. Anne Soho HHHHHH - N.R.		18608	10	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		23759	12	20	2	3	-	1	-	1	1	-	-	-	-	3	3	9	-		
Cavendish Square HHHH - W.M.		14391	4	4	-	1	-	1	-	-	-	-	-	-	-	1	1	1	-		
Rectory Marylebone WH G.J. & W.M.		24909	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	25	10	3	3	-	-	-	2	-	-	-	-	-	-	1	-	-		
Christchurch Marylebone HH - W.M.		33700	16	11	2	4	-	-	-	1	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - W.M.		33633	10	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dampstead WWHHHH N.R. & W.M.		45452	29	12	4	4	-	-	1	-	-	1	-	-	1	-	1	-	-		
Regent's Park Pancras H - - W.M.		33115	17	8	2	3	-	-	-	-	-	-	-	-	-	1	1	-	-		
Tottenham-court WHHHH N.R. & W.M.		27723	12	19	1	4	-	-	-	-	-	-	-	-	-	2	4	6	-		
Gray's Inn Lane HHH - - N.R.		30247	24	9	1	4	-	-	-	-	-	-	-	-	-	-	1	2	-		
Somerset Town H - - N.R.		84569	21	9	1	4	-	-	-	-	-	-	-	-	-	-	-	1	-		
Camden Town WH - - N.R.		17311	11	17	2	10	-	-	-	-	-	-	-	-	1	2	3	14	-		
Kentish Town W - - N.R.		87437	55	36	5	13	-	1	-	-	1	-	1	-	1	1	3	6	-		
Upper Holloway WWHH - N.R.		67946	61	50	5	18	-	2	-	1	3	-	-	-	-	1	3	28	-		
Islington South-west HH - N.R.		100976	67	25	7	6	-	1	-	-	1	-	-	-	1	2	3	-	-		
Islington South-east - - N.R.		61835	30	19	4	8	-	1	1	-	1	-	-	-	-	-	-	-	-		
Highbury H - - N.R.		62043	33	12	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
Stoke Newington H - - N.R.		22781	13	10	2	3	-	1	-	1	1	-	-	-	-	-	-	-	-		
Stamford Hill - - E.L.		9277	7	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - N.R.		37610	24	13	9	2	-	4	-	2	-	-	-	-	-	1	1	-	-		
Hackney WWHH - - E.L. & N.R.		76911	52	20	3	11	-	-	2	2	-	-	-	-	-	-	-	13	-		
South Hackney - - E.L.		39333	30	12	3	5	-	-	-	-	2	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.R.		16681	9	3	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
St. Giles South WH - - N.R.		14884	18	7	1	2	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Giles North - - N.R.		13937	8	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	5	12	3	-	-	-	-	-	1	-	-	-	-	1	2	1	-		
St. Mary-le-Strand H - - N.R.		7515	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - N.R.		8559	4	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Strand Union Workhouse, Edmondo w.		-	-	6	-	4	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. Geo-the-Martyr HHHHHH N.R.		16871	12	13	3	1	-	-	-	1	-	-	-	-	-	-	1	2	6		
St. Andrew Eastern W - - N.R.		10706	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - N.R.		6638	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - N.R.		17516	12	7	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - N.R.		19251	8	8	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - N.R.		14773	21	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goodwell-street - - N.R.		17504	14	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - N.R.		11541	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - N.R.		18628	26	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitecross-street - - N.R.		9217	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Finebury - - N.R.		7453	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcham, w.		-	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. Botolph H - - N.R. & E.L.		11174	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
Cripplegate - - N.R.		7193	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.		6398	2	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Bride W - - N.R.		8396	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	13	-		
Alhallowe Barking - - N.R.		13666	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - N.R.		6952	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: H—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifying Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 urday, the 23rd March, 1889.

		The DEATHS registered in the Week include																			
		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of														Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipels or (typhoid) Fever.	Sanious con- tinued Fever.	Diarrhoea.	Violence.					
REGISTRATION SUB-DISTRICTS.																					
EAST DISTRICTS.																					
Blywell Shoreditch	N.R. & E.L.	7376	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
Leonard Shoreditch HL*	N.R.	14967	9	6	-	1	-	-	-	-	-	-	-	-	-	-	3				
ixton New Town w-	N.R.	29937	25	15	1	10	-	-	-	-	-	-	-	-	-	-	8				
ixton Old Town -	N.R.	28636	15	8	2	2	-	-	-	-	-	-	-	-	-	2	2				
agerston WH -	N.R. & E.L.	46275	35	24	3	8	-	-	-	-	-	-	-	3	-	-	-				
ockney-road H -	-	29738	23	7	-	-	-	1	-	-	-	-	-	-	-	1	2				
een, Bethnal Green WHL*	E.L.	47932	34	25	3	9	-	2	-	-	-	-	-	-	-	1	10				
urch, Bethnal Green -	E.L.	29981	24	9	-	3	-	1	-	-	-	-	-	-	-	1	-				
own, Bethnal Green -	E.L.	19810	16	4	2	-	-	1	-	-	-	-	-	-	-	-	-				
ital Fields -	E.L. & N.R.	22585	21	9	4	2	-	-	-	-	-	-	-	-	1	1	-				
ile End New Town W	E.L.	15473	13	8	2	1	-	1	-	-	-	-	-	-	1	-	4				
hitechapel Church H	E.L. & N.R.	17490	18	24	1	4	-	2	-	1	1	-	-	-	2	2	17				
odman's Fields -	E.L.	2713	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ldgate -	N.R. & E.L.	6102	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-				
. George's North -	E.L.	38747	30	7	1	3	-	-	-	-	-	-	-	-	-	1	-				
. John, St. George East W	E.L.	8410	12	10	3	5	-	-	-	-	-	-	-	1	2	6	-				
adwell HH -	E.L. & N.R.	10325	10	9	1	1	-	-	-	-	-	-	-	-	1	2	4				
telford -	E.L.	16107	9	4	1	-	-	-	-	-	-	-	-	-	1	2	-				
ehouse -	E.L.	32041	26	6	1	2	-	-	-	-	-	-	-	-	-	1	-				
ile End Old Town West -	E.L.	37960	30	12	3	2	-	-	-	-	-	-	1	-	1	-	1				
ile End Old Town East WWH-E.L.	E.L.	67633	63	42	6	16	-	-	1	-	-	-	-	-	3	12	-				
ow -	E.L.	37074	31	14	5	4	-	-	-	-	-	-	-	-	1	1	-				
romley WWH-H -	E.L.	64359	52	32	7	11	-	-	1	-	-	-	-	-	1	4	12				
oplar WWH -	E.L.	56077	33	23	7	4	-	1	-	1	-	-	-	-	1	2	-				
SOUTH DISTRICTS.																					
hristchurch Southwark WH	L. & S.	13663	13	2	-	1	-	1	-	-	-	-	-	-	-	1	-				
t. Saviour Southwark -	S.	14989	9	4	1	-	-	-	-	1	-	-	-	-	-	1	-				
ent-road -	S. & L.	21881	20	4	1	2	-	-	-	-	-	-	-	-	-	1	-				
orough-road WH -	S. & L.	16953	7	5	4	1	-	1	-	-	-	-	-	-	-	-	1				
ondon-road HL -	L. & S.	21318	15	5	1	5	-	-	-	-	-	-	-	-	-	1	-				
rinity Newington -	S. & L.	26672	49	25	4	4	-	5	-	1	-	-	-	-	1	2	1				
t. Peter Walworth W	S. & L.	56555	49	25	4	4	-	5	-	1	-	-	-	-	1	2	-				
t. Mary Newington -	L. & S.	21623	14	12	3	4	-	2	-	-	-	-	-	-	-	-	-				
t. Olave WH -	S.	11956	10	20	2	2	-	4	-	1	-	-	-	-	3	4	12				
ather Market -	S. & L.	16300	9	7	1	-	-	2	-	-	-	-	-	-	-	2	-				
t. Mary Magdalen W	S.	15669	12	10	2	3	-	2	-	-	-	-	1	-	-	-	-				
t. James Bermondsey	S.	54682	43	26	7	5	-	3	-	3	-	-	-	-	1	3	2				
otherhithe WH -	S. & K.	36024	30	15	4	5	-	3	-	1	-	-	-	-	-	-	-				
Waterloo-road 1st H -	L. & S.	15195	5	6	2	-	-	-	-	1	-	-	-	-	1	1	1				
Waterloo-road 2nd H -	L. & S.	16351	20	2	2	-	-	-	-	-	-	-	-	-	-	-	-				
ambeth Church 1st H	L. & S.	19876	12	14	2	6	-	2	-	2	-	-	1	-	2	3	9				
ambeth Church 2nd WWH	L. & S.	39859	39	22	6	9	-	2	-	-	-	-	-	-	-	1	-				
ennington 1st -	S. & L.	45332	37	19	6	9	-	-	-	1	-	-	-	-	-	1	2				
ennington 2nd -	S. & L.	33532	15	14	3	4	-	-	-	1	-	-	-	-	-	1	-				
orwood W.	L. & S.	62837	36	21	4	8	-	1	-	1	-	-	-	-	-	-	2				
ast Battersea -	S.	54675	53	19	4	6	-	1	-	-	-	-	2	-	1	-	-				
West Battersea WWH	S.	55387	53	32	10	6	-	1	-	1	-	-	-	-	1	8	1				
apham H -	S.	36350	22	12	2	6	-	-	-	-	-	-	-	-	-	-	1				
andsworth WHL	S.	28004	37	11	1	4	-	-	-	-	-	-	-	-	-	8	-				
ulney H -	S.	12325	6	1	-	-	-	-	-	-	-	-	-	-	-	1	-				
reatham -	L.	25553	21	16	2	5	-	1	-	-	-	-	-	-	-	-	-				
ulwich -	L. & S.	5590	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
amberwell WwL*L*	S. & L.	59104	46	42	9	13	-	2	-	1	7	-	-	-	1	17	1				
ockham W -	S., L. & K.	71089	47	22	7	1	-	4	-	-	-	-	-	-	1	2	1				
. George Camberwell -	L. & S.	50810	42	13	6	1	-	-	-	-	-	-	-	-	-	-	-				
. Paul Deptford wwo	K.	76722	59	41	14	7	-	5	2	-	2	-	-	1	1	4	2				
t. Nicholas Deptford -	K.	7901	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-				
reenwich West H -	K.	21972	19	8	3	1	-	-	-	-	-	-	-	-	2	6	-				
reenwich East WHH	K.	24603	30	21	3	5	-	1	-	-	-	-	-	-	-	-	-				
atham H -	K.	5043	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ee H -	K.	21559	8	5	-	3	-	-	-	-	-	-	-	-	-	-	1				
ewisnam WH -	K.	19865	24	13	2	5	-	1	-	-	-	-	-	-	2	2	-				
udenham H -	L.	26076	22	7	2	2	-	-	-	-	-	-	-	-	-	1	-				
harlton H -	K.	10380	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-				
oolwich Dockyard -	K.	17817	21	5	2	2	-	-	-	-	-	-	-	-	-	-	1				
oolwich Arsenal HH	K.	19043	19	5	-	2	-	-	-	-	-	-	-	-	-	-	-				
lumstead, West H -	K.	14009	11	7	2	2	-	-	-	1	-	-	-	-	-	7	2				
lumstead, East W	K.	19241	20	17	3	6	-	2	-	2	-	-	-	-	-	-	-				
Metropolitan Asylum Hospitals:																					
Dartford w -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Winchmore Hill w		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Plaistow w -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by *:-

<p> Marylebone Infirmary in Kensington Town sub-district. Central London Sick Asylum, in Tottenham Court-road sub-district. Holborn Infirmary in Upper Holloway sub-district. London City Workhouse in London City sub-district. Holborn " in Hoxton New Town sub-district. Whitechapel " Mile End Old Town Eastern sub-dist. London City " Mile End Old Town Eastern sub-dist. " " and Bromley sub-district. </p>	<p> Stepney Workhouse in Bromley sub-district. Foplar & Stepney Sick Asylum " " Westminster Union Industrial School in West Battersea sub-district. Lond. and Holborn Workhouses outside Registration London. St. Saviour's Infirmary in Camberwell sub-district. Metropolitan Asylum, District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London. </p>
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* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd March, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.				
LONDON—OUTER RING						370,924	950,957	767	397	76	114	-	23	1	5	6	2	1	5	17	44	4
30: 1	Carshalton wL -	12228	21118	12	16	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-
2	Epsom (part of)* wWwH	9971	10710	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
37: 1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon wWwHLL -	20851	101241	71	28	4	8	-	-	-	-	-	1	-	-	-	-	-	1	2	-	-
2	Mitcham w† -	11697	17932	12	5	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
39: 1	Wimbledon HHH -	3220	15950	11	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston WHH -	8549	38354	17	14	1	8	-	-	-	-	-	-	1	-	-	-	1	1	1	1	-
3	Esher (part of)* -	6601	9221	6	5	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H -	4573	13539	8	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond WH -	2272	21302	13	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Mortlake -	2941	12331	12	11	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* HH	15669	31142	31	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (pt. of)* WHH	14307	15844	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
42: 1	Bexley H -	13437	24134	15	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Dartford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w -	11055	11635	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
2	Staines W -	13277	12089	10	6	-	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
125: 1	Hillingdon WHH -	6029	10302	7	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-
2	Uxbridge -	6178	5225	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL -	14537	11523	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126: 1	Isleworth WHH -	7008	22727	14	16	3	6	-	-	-	-	-	1	-	-	-	-	-	-	5	-	-
2	Twickenham H -	2477	12479	7	6	2	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL -	4345	27649	12	11	1	4	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
4	Chiswick -	1340	15975	14	7	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton wH -	6083	22376	16	11	3	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-
127: 1	Harrow H -	13309	12796	2	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H -	6994	3749	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	37453	45	11	4	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
4	Hendon W -	8382	10454	12	4	1	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-
137: 1	Bushey -	9331	6621	2	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138: 1	South Mimms -	15599	6391	2	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Barnet -	5433	10922	5	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
3	Finchley HL -	4098	17615	5	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
139: 1	Hatfield (part of)* -	3306	533	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Hornsey H -	3039	37078	24	7	2	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-
3	Tottenham H -	4642	49456	68	22	1	5	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
4	Edmonton Ww† -	7453	23468	23	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
5	Enfield WH -	12853	19104	10	12	1	4	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
6	Waltham Abbey -	11017	5343	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140: 1	Chesham -	8480	7735	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Stratford -	537	33803	31	15	2	7	-	-	-	-	-	-	1	-	-	-	1	2	-	-	-
3	West Ham wWwHLL -	7351	101053	117	56	16	13	-	8	-	-	2	-	-	-	-	-	1	2	-	-	-
4	Leyton WwL -	4372	32430	42	13	2	5	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-
5	Walthamstow H -	6520	28369	33	13	4	3	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-
187: 1	Chigwell (part of)* H	11761	9693	7	12	2	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189: 1	Romford (part of)* W	6730	3411	2	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
2	Ilford -	3493	7645	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9303	5	3	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1993): 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947): 135: 1, the parish of Northaw in Hatfield sub-district: 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875): 136: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd March, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	448,334	5,642,015	18.1	2.0	1952	394	563	-	107	7	28	48	6	19	59	409				
INNER LONDON -	77,410	4,851,738	18.6	2.1	1553	318	440	-	84	6	23	42	4	18	54	365				
OUTER RING -	370,924	1,290,277	16.1	1.5	397	76	114	-	23	1	5	0	2	1	5	44				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,564,302 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrheal Diseases.	
CALCUTTA - -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY - -	773,196	February 26	291	441	25.4	8	21	?	?	?	143	22	
MADRAS - -	398,777	" 8	261	326	42.4	1	14	?	?	?	76	74†	
PARIS - - -	2,260,945	March 16	1220	1100	25.3	5	33	4	40*	7	10	37	
BRUSSELS - (with 8 Faubourgs.)	471,606	" 16	277	182	20.1	-	7	-	1	5	2	13	
AMSTERDAM -	390,016	" 16	-	-	-	-	-	-	-	-	-	-	
ROTTERDAM -	197,723	" 16	-	-	-	-	-	-	-	-	-	-	
THE HAGUE -	153,440	" 16	-	-	-	-	-	-	-	-	-	-	
COPENHAGEN -	307,000	" 9	186	109	18.5	-	-	2	2	2	-	2	
STOCKHOLM -	221,549	" 9	140	70	16.4	-	-	3	2*	-	-	5	
CHRISTIANIA -	135,600	" 16	63	55	21.1	-	2	-	7	1	-	3	
ST. PETERSBURG	842,883	" 9	-	596	36.9	1	-	10	11	3	23	75	
BERLIN - -	1,470,582	" 2	898	564	19.9	-	6	2	20	8	19	34	
HAMBURG(State)	650,694	" 9	404	265	25.1	-	-	2	12*	5	12	16	
DRESDEN - -	264,196	" 9	186	106	20.9	?	-	-	4*	?	-	2	
BRESLAU - -	313,451	" 16	227	177	29.6	-	1	1	8	1	3	8	
MUNICH - -	281,000	" 9	201	163	30.2	-	5	3	4*	2	1	16	
VIENNA - -	811,434	" 9	534	405	26.0	-	4	-	7	-	4	21	
PRAGUE - -	304,556	" 9	-	177	30.3	18	2	-	4	1	5	5	
BUDA-PESTH -	452,907	" 9	366	281	32.3	-	-	3	9	-	9	15	
TRIESTE - -	158,084	" 9	-	103	33.9	2	-	1	1	-	-	1	
ROME - - -	401,044	January 26	315	215	27.9	4	5	1	2	-	2†	11	
TURIN (10 days)	306,398	February 20	270	206	24.5	-	1	1	7	3	2	9	
VENICE - - -	153,375	March 2	78	111	37.8	1	7	-	-	-	1	4	
CAIRO - - -	374,338	February 28	334	323	45.0	2	1	-	2*	6	20	82	
ALEXANDRIA -	231,396	" 28	221	254	57.3	-	11	-	-	1	11	63	
NEW YORK - -	1,549,500	March 2	-	837	28.9	-	26	50	35	18	6	15	
BROOKLYN - -	814,505	" 2	-	365	23.4	-	7	6	27	11	1	-	
PHILADELPHIA -	1,040,245	" 2	-	425	21.3	-	2	6	6	8	18	3	
BALTIMORE - -	500,343	" 2	-	158	16.5	-	-	2	2	1	4	-	

* Including deaths from croup.

† Including 6 deaths from cholera.

‡ Including 1 death from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23rd March, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a gauge receiving surface 5 inches above level of Ground.	Ozone.						
MONTH AND DAY.	Hemo-therm.		Of the Air.		De-parture from 30 years.	Of the Dew Point.	Difference between the Air Temperature and Dew Point.		Degree of clearness (Sunshine 100).	Of Radiation.		Of the Water at Deptford.		General Direction.		Pressure on the Square Foot.		Robinson's.								
			High-est.	Low-est.			High-est.	Low-est.		High-est.	Low-est.	High-est.	Low-est.	Great-est.	Least.	Mean of 24 hours.	Horizontal Movement of the Air on each Day.	Diameter of the Average of 10 Years.								
MARCH.																										
SUN.	17	Full.	30·627	53·3	38·1	15·2	44·7	+ 3·4	41·4	3·3	10·0	0·0	88	74·5	30·7	43·8	42·5	WSW. & W.	WSW.	0·3	0·0	0·0	25·4	— 59	0·0	
MON.	18	In Equator.	29·652	49·2	40·0	9·2	43·7	+ 2·3	36·0	7·7	11·8	2·0	74	72·5	31·8	44·2	43·1	SW.	SSW. & SE.	0·0	0·0	0·0	172	— 140	0·00	
TUES.	19	..	29·087	56·0	36·4	19·6	46·1	+ 4·7	41·4	4·7	12·7	0·5	84	83·0	29·3	45·0	42·8	ESE. & SSW	SSW. & S.	0·0	0·0	0·0	331	+ 20	0·15	
WED.	20	..	28·834	52·5	38·9	13·6	44·6	+ 3·1	40·5	4·1	10·4	0·0	85	110·3	34·0	45·6	44·1	SSW. & SW.	SSW.	6·6	0·0	0·0	405	+ 65	0·04	
THURS.	21	Perigee.	29·340	41·3	33·0	8·3	36·2	— 5·4	32·7	3·5	11·0	0·0	87	50·0	27·5	45·8	44·1	N.	NNE.	8·4	0·0	1·8	463	+ 154	0·27	
FRI.	22	..	29·982	46·5	31·5	15·0	38·6	— 3·1	29·9	8·7	15·2	5·5	71	94·3	25·6	45·2	44·7	N.	N. & WSW.	1·5	0·0	0·2	244	— 63	0·00	
SAT.	23	..	30·110	53·2	32·1	21·1	43·5	+ 1·7	35·6	7·9	14·4	0·5	73	110·6	25·3	44·8	43·3	SW. & WSW.	WSW. & SW.	3·5	0·0	0·5	376	+ 72	0·00	
MEANS	.	..	29·576	50·3	35·7	14·6	42·5	+ 1·0	36·8	5·7	12·2	1·2	80	85·0	29·2	44·9	43·5	SW. & N.		..	..	..	Sum 2245	Sum + 79	Sum 0·46
No. of Cal.	.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.	(MARCH.	ELECTRICITY.		Registered Sun short Sunshine, Horizon, in hours.		GENERAL REMARKS.		OZONE.		WIND.		TEMPERATURE.		HUMIDITY.		PRESSURE.		WIND.		TEMPERATURE.		HUMIDITY.		OZONE.		
SUNDAY	17	..		0·2		11·9		Overcast generally. A little rain.		..		..		..		..		..		..		..		..
MONDAY	18	..		0·8		12·0		Overcast till afternoon; generally cloudy afterwards.		..		..		..		..		..		..		..		..
TUESDAY	19	..		0·0		12·0		Cloudy. Showery. Strong wind at night.		..		..		..		..		..		..		..		..
WEDNESDAY	20	Instrument under adjustment.		5·1		12·1		Gusty wind in morning; variable till evening, and at times showery; overcast at night.		..		..		..		..		..		..		..		..
THURSDAY	21	..		0·0		12·2		Overcast with showers of rain and snow till evening; fine at night. Brisk cold wind.		..		..		..		..		..		..		..		..
FRIDAY	22	..		3·4		12·2		Partially cloudy till evening; slightly foggy in evening; cloudless at night. Fine.		..		..		..		..		..		..		..		..
SATURDAY	23	..		8·9		12·3		A very fine day. Cloudless in morning; few light clouds in afternoon; overcast at night.		..		..		..		..		..		..		..		..
SUM.		Sum 13·4		Sum 84·7		Sum 12·3		Sum 13·4		Sum 84·7		Sum 12·3		Sum 13·4		Sum 84·7		Sum 12·3		Sum 13·4		Sum 84·7		Sum 12·3		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1863, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1873.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·11 in. at the beginning of the week to 28·83 in. by 8h. P.M. on the 20th; increased to 30·13 in. by 9h. A.M. on the 23rd; and was 30·10 in. at 8h. P.M. on the 23rd.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer; and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: — P, positive; N, negative; v, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30·11 in. at the beginning of the week to 28·83 in. by 3h. P.M. on the 26th; increased to 30·13 in. by 9h. A.M. on the 27th and was 30·10 in. at

WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON
AND IN
TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
1st April, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·9 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.		Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.
Birkenhead	19·3	20·4	18·8	15·8	Liverpool -	23·7	23·1	24·2	22·7
Birmingham	17·2	18·4	20·1	21·2	London -	19·6	19·7	18·6	17·7
Blackburn -	31·0	33·1	36·1	23·2	Manchester -	29·6	27·8	31·5	30·3
Bolton -	23·7	30·5	26·4	26·8	Newcastle-on-Tyne*	30·5	23·3	19·4	24·0
Bradford* -	22·2	20·4	19·1	22·4	Norwich -	23·7	25·4	19·3	19·3
Brighton -	16·3	19·3	15·0	17·6	Nottingham -	19·1	19·5	20·4	18·9
Bristol -	17·3	23·0	18·7	19·6	Oldham -	23·8	16·9	21·6	25·7
Cardiff* -	18·1	17·1	23·1	19·4	Plymouth -	17·3	21·3	23·3	27·4
Derby -	14·3	17·5	17·5	12·7	Portsmouth -	23·6	20·3	20·7	17·4
Halifax -	21·2	25·7	16·1	13·5	Preston -	28·5	32·5	29·5	28·0
Huddersfield	15·7	24·7	19·7	21·4	Salford* -	24·1	23·8	22·3	20·3
Hull -	17·6	22·6	18·8	19·3	Sheffield -	24·6	24·9	23·9	21·8
Leeds -	22·5	24·4	26·3	22·6	Sunderland -	21·4	14·0	28·8	19·8
Leicester* -	17·3	17·0	16·6	16·3	Wolverhampton -	26·5	23·4	18·3	19·6

The highest annual death-rates, measured by last week's mortality, were :— from *measles*, 1·5 in Oldham, 2·6 in Manchester, 3·9 in Norwich, and 5·0 in Bolton; from *scarlet fever*, 1·4 in Sheffield and 2·2 in Blackburn; from *whooping-cough*, 1·7 in Birmingham, 2·0 in Nottingham, and 4·5 in Preston; and from "*fever*," 2·0 in Preston. The 38 deaths from *diphtheria* in these towns included 18 in London, 3 in Manchester, 3 in Salford, 3 in Sheffield, and 2 in Liverpool. *Small-pox* caused one death in Portsmouth, but not one in any of the other twenty-seven great towns.

LONDON.

In LONDON 2808 BIRTHS and 1476 DEATHS were registered. Allowing for increase of population, the births were 13, and the deaths 425, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·7 and 18·6 in the two previous weeks, further declined to 17·7 last week. During the thirteen weeks of last quarter the death-rate averaged 19·5 per 1000, and was 3·9 per 1,000 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1476 deaths included 56 from measles, 11 from scarlet fever, 18 from diphtheria, 51 from whooping-cough, 8 from enteric fever, 9 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 153 deaths were referred to these diseases, being 79 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 13; 2 small-pox patients were under treatment at the end of the week in the Metropolitan Asylum Hospitals, and not any in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 76, 60, and 84 in the three preceding weeks, declined last week to 56, but were 6 above the corrected average; 8 belonged to Islington, 5 to St. George Southwark, 4 to Newington, 3 to St. Olave Southwark, 4 to Bermondsey, 4 to Camberwell, and 7 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had declined from 16 to 6 in the two preceding weeks, rose again last week to 11, but were 16 below the corrected average; 3 belonged to Islington sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 579 scarlet fever patients, against numbers ranging in the nineteen preceding weeks from 980 to 569; 41 cases were admitted to these hospitals during the week, against 64, 52, and 58 in the three previous weeks. The deaths from *diphtheria*, which had been 31 and 23 in the two preceding weeks, further declined to 18 last week, which though a smaller number than in any week since the middle of September last, were yet 3 above the corrected average; 2 belonged to Hammersmith, 2 to St. George Hanover Square, 2 to Poplar, and 2 to Bermondsey sanitary areas. The deaths from *whooping-cough*, which had been 29, 37, and 42 in the three preceding weeks, further increased to 51 last week, but were 44 below the corrected average; 10 belonged to Islington, 8 to Poplar, 4 to Bermondsey, and 4 to Lambeth sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 14 and 18 in the two previous weeks, declined to 9 last week, and were 5 below the corrected average.

The deaths referred to *enteric fever*, which had been 4, 6, and 4 in the three preceding weeks, rose again to 8 last week, being, however, 7 below the corrected average. There were 41 cases of enteric fever, and 3 of typhus, under treatment in the Metropolitan Asylum Hospitals on Saturday last; one case of enteric fever was admitted during the week, against 2, 1, and 3 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had declined from 402 to 378 in the three previous weeks, further fell to 332 last week, and were 190 below the corrected average.

Different forms of violence caused 52 deaths; 46 were the result of negligence or accident, among which were 13 from fractures and contusions, 3 from burns and scalds, 8 from drowning, 1 from poison, and 19 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused: —3 by accidents from vehicles in the street; 1 by accident on railway; 2 by fall from ladder; 2 by accidents on board ship; 1 by fall from cradle; 1 by injury from machinery; and 3 from fractures, the cause of which was not stated. An inquest was held in each of these 13 cases, except one of the last three. Four cases of suicide were registered, the corrected average being 7.

GREATER LONDON.

In Greater London 3728 births and 1876 deaths were registered, corresponding to annual rates of 34·5 and 17·3 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles, 7 from whooping-cough, and 6 from diphtheria were registered. Of the 13 deaths from measles, 3 occurred in West Ham, 2 in Stratford, and 3 in Chigwell sub-districts. Two fatal cases of diphtheria were recorded in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·02 ins.; the lowest reading was 29·73 ins. on Monday afternoon, and the highest 30·31 ins. on Thursday morning. The mean temperature of the *air* was 45°·6, and 2°·5 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Tuesday, Wednesday, and Thursday, but showed an excess on each of the other days of the week. The general direction of the *wind* was westerly, and the horizontal movement of the air averaged 14·9 miles per hour, which was 2·4 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·11 of an inch. The duration of registered bright sunshine in the week was 14·3 hours, and corresponded with that recorded at Glynde Place, Lewes.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the THIRTEENTH Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2349	2492	2608	2647	2714	2732	2404	2698	2736	2492	2821.2	2888
Males . .	1196	1279	1329	1330	1345	1386	1247	1359	1379	1268	1432.6	1433
Females .	1153	1213	1279	1317	1369	1346	1157	1339	1357	1204	1388.6	1405
TOTAL Deaths	2078	1732	1547	1655	2148	1573	1701	1745	1588	1668	1901.2	1476
Males . .	1044	909	830	788	1089	829	852	876	806	828	965.1	731
Females .	1034	823	717	867	1059	744	849	869	732	840	936.1	745

* The numbers in this column are the average weekly numbers in the thirteenth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.
TOTAL Births	2855	2668	2837	2569	2662	2772	2511	2695	2609	2698	2699	2670	2803
TOTAL Deaths	1784	2075	1769	1620	1570	1460	1516	1567	1472	1637	1638	1553	1476
Ages at Birth													
{ 0–20 years	825	850	776	709	714	650	655	666	681	695	719	666	642
{ 20–40 „	204	218	197	162	158	131	182	202	153	175	188	164	200
{ 40–60 „	308	333	288	280	270	242	279	278	254	309	298	274	274
Death													
{ 60–80 „	366	506	428	394	338	313	322	337	314	391	357	366	287
{ at 80 years & upwds.	81	118	80	75	90	73	78	84	70	67	76	83	73
„													
{ Under 1 year	372	373	373	325	370	324	326	344	349	322	362	317	316
{ 1–5 „	338	370	315	281	250	233	247	238	257	277	249	276	242
{ 5–20 „	115	107	88	103	94	93	82	84	75	96	108	73	84
Deaths from Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ Measles	143	176	121	83	71	56	43	70	67	76	60	84	56
„ „ Scarlet fever	12	17	19	20	11	12	16	14	12	16	16	6	11
„ „ Diphtheria	33	21	38	33	38	24	54	27	25	20	31	23	18
„ „ Whooping-cough	32	37	36	24	33	33	31	31	31	29	37	42	51
„ „ Typhus	—	—	—	—	—	—	—	1	1	—	—	—	—
„ „ Enteric fever	14	10	7	10	10	5	13	8	6	4	6	4	8
„ „ Simple Cont ^d fever	1	1	—	1	1	—	—	—	—	3	—	—	—
„ „ Diarrhœa and Dysentery	11	12	11	24	13	18	10	16	18	15	14	18	9
„ „ Cholera	—	1	—	—	—	—	1	—	—	—	2	—	—
„ „ all the above-mentioned Diseases	246	275	232	195	182	148	138	167	160	163	166	177	153
„ „ Dis. of Respiratory System	484	652	492	456	409	340	376	362	362	402	396	378	332
„ „ Phthisis	154	187	136	152	138	140	158	156	127	161	162	139	153
„ „ Dis. of Circulatory System	160	195	155	141	142	132	120	130	116	150	157	126	153
Violent Deaths	61	58	63	50	55	49	44	65	57	52	63	53	52
Inquest Cases	132	143	121	102	104	91	98	114	118	114	127	111	125
Deaths in Public Institutions	360	398	336	401	382	314	375	253	353	395	378	365	355
TEMPERATURE OF THE AIR													
Mean	51.8	55.3	57.8	58.5	43.1	35.6	34.3	41.4	32.8	37.4	38.8	42.5	45.6
Mean of Highest readings	36.1	39.7	41.0	43.8	49.4	41.9	40.9	47.3	37.7	46.3	46.8	50.3	51.6
Mean of Lowest readings	27.1	30.9	34.0	33.6	36.5	30.2	27.1	36.2	29.8	28.9	31.2	35.7	38.6
Humidity of the Air	93	98	87	93	88	81	84	81	83	75	80	80	81
Rain-fall in inches	0.00	0.49	0.02	0.15	0.22	0.80	1.19	0.05	0.13	0.54	0.04	0.46	0.11
Registered Sunshine (in hours)	3.2	2.7	1.5	5.3	13.0	7.4	8.7	14.9	7.6	26.0	14.8	18.4	14.3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; I. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., LL.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Deaths from different Causes.

131

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 13th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 30th March 1889.								CAUSES OF DEATH.	Corrected Averages for the 13th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 30th March 1889.								
		Deaths of Persons of the Ages										Deaths of Persons of the Ages								
		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	
ALL CAUSES - -	1901.2	1476	316	242	84	200	274	287	73	Diseases of Organs of Special Sense † - -	2.0	3	3	-	-	-	-	-	-	-
Small-pox { Vaccinated - - - - - Unvaccinated - - - - - No Statement - - - - - }	13.1 {	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - - - -	123.5	153	1	1	11	25	52	56	7	-
Measles - - - - -	50.2	50	14	33	4	-	-	-	-	Croup - - - - -	14.8	13	1	10	2	-	-	-	-	-
Scarlet Fever - - - - -	27.0	11	-	10	1	-	-	-	-	Bronchitis - - - - -	326.2	205	61	33	1	7	24	60	14	-
Typhus - - - - -	1.2	-	-	-	-	-	-	-	-	Pneumonia - - - - -	127.6	80	10	27	4	10	14	12	3	-
Relapsing Fever † - - - - -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - - - -	8.8	2	-	-	-	1	1	-	-	-
Influenza - - - - -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - - - -	44.2	32	5	7	1	1	11	7	-	-
Whooping-cough - - - - -	94.6	51	17	31	3	-	-	-	-	Dentition † - - - - -	17.3	12	7	5	-	-	-	-	-	-
Diphtheria - - - - -	14.7	18	1	11	4	2	-	-	-	Quinsy, Sore Throat † - -	3.0	1	1	-	-	-	-	-	-	-
Simple Continued and Ill-defined Fever - - - - -	1.6	-	-	-	-	-	-	-	-	Enteritis - - - - -	5.9	4	1	-	1	-	-	2	-	-
Enteric Fever - - - - -	15.2	8	-	-	4	3	-	1	-	Peritonitis - - - - -	6.5	8	-	-	3	4	1	-	-	-
Cholera - - - - -	0.1	-	-	-	-	-	-	-	-	Diseases of Liver - - - - -	3.0	25	-	-	-	3	14	8	-	-
Diarrhoea, Dysentery - - - - -	14.0	9	4	2	-	-	1	2	-	Other Diseases of Digestive System - - - - -	37.0	22	1	1	1	4	8	6	1	-
Remittent Fever † - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - - - -	1.8	-	-	-	-	-	-	-	-	-
Hydrophobia - - - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - - -	45.3	50	-	1	3	13	18	13	2	-
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System - - - - -	5.7	1	-	-	-	-	1	-	-	-
Cowpox and Effects of Vaccination † - - - - -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	4.8	4	-	-	-	4	-	-	-	-
Veneral Affections - - - - -	12.9	7	6	-	-	-	-	1	-	Diseases of Locomotive System † - - - - -	8.7	11	-	-	5	1	3	-	2	-
Erysipelas - - - - -	6.1	2	1	-	-	1	-	-	-	Diseases of Integumentary System - - - - -	7.0	4	1	-	-	1	-	2	-	-
Pyæmia and Septicæmia †	2.9	1	-	-	-	1	-	-	-	VIOLENT DEATHS. ‡										
Puerperal Fever - - - - -	6.9	2	-	-	-	2	-	-	-	ACCIDENT.)										
Other Zymotic Diseases †	1.4	-	-	-	-	-	-	-	-	Fracture and Contusion - -	20.7	13	2	2	2	2	4	1	-	-
Thrush - - - - -	1.4	4	4	-	-	-	-	-	-	Gunshot Wound - - - - -	0.1	-	-	-	-	-	-	-	-	-
Worms and other Parasitical Diseases - - - - -	0.3	-	-	-	-	-	-	-	-	Cut, Stab - - - - -	0.7	-	-	-	-	-	-	-	-	-
Starvation, Want of Breast-milk † - - - - -	1.2	3	3	-	-	-	-	-	-	Burn and Scald - - - - -	8.0	3	-	3	-	-	-	-	-	-
Alcoholism - - - - -	5.6	13	-	-	-	5	7	1	-	Poison - - - - -	1.9	1	-	-	-	-	1	-	-	-
Rheumatic Fever, Rheumatism of Heart †	9.6	9	-	-	5	1	1	2	-	Drowning - - - - -	4.8	8	-	-	3	2	3	-	-	-
Rheumatism † - - - - -	3.7	-	-	-	-	-	-	-	-	Suffocation - - - - -	17.3	20	19	1	-	-	-	-	-	-
Gout - - - - -	3.4	7	-	-	-	-	3	4	-	Otherwise - - - - -	2.4	1	-	-	-	1	-	-	-	-
Rickets † - - - - -	4.6	6	4	2	-	-	-	-	-	(HOMICIDE.)										
Cancer - - - - -	55.1	52	-	-	2	7	27	16	-	Murder & Manslaughter - -	2.5	2	1	-	-	1	-	-	-	-
Tabes Mesenterica - - - - -	24.8	24	17	6	-	1	-	-	-	(SUICIDE.)										
Tubercular Meningitis - - - - -	32.2	10	3	7	4	2	-	-	-	Gunshot Wound - - - - -	1.1	1	-	-	-	1	-	-	-	-
Phthisis - - - - -	195.9	153	2	3	13	74	51	10	-	Cut, Stab - - - - -	1.2	-	-	-	-	-	-	-	1	-
Serofula, Tuberculosis - - - - -	18.9	13	3	8	-	2	-	-	-	Poison - - - - -	1.9	1	-	-	-	-	-	-	-	-
Other Constitutional Diseases † - - - - -	11.0	13	1	-	-	1	6	3	1	Drowning - - - - -	0.7	1	-	-	-	1	-	-	-	-
Premature Birth - - - - -	33.3	42	42	-	-	-	-	-	-	Hanging - - - - -	1.7	1	-	-	-	-	-	-	-	-
Atelactæsis † - - - - -	2.4	1	1	-	-	-	-	-	-	Otherwise - - - - -	0.5	-	-	-	-	-	-	-	-	-
Congenital Malformations - - - - -	9.2	8	7	1	-	-	-	-	-	(EXECUTION.)										
Old Age - - - - -	63.6	55	-	-	-	-	-	23	32	Hanging - - - - -	0.1	-	-	-	-	-	-	-	-	-
Apoplexy - - - - -	51.4	33	1	-	-	2	9	20	4	OTHER CAUSES † - - - - -	53.3	47	33	4	-	1	1	2	1	-
Epilepsy - - - - -	7.2	9	1	-	2	3	2	1	-											
Convulsions - - - - -	51.7	36	26	10	-	-	-	-	-											
Other Diseases of Brain and Nervous System - - - - -	100.5	83	6	13	6	9	10	33	6											

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.
 † As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."
 § The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON	3,815,704	2808	1476	316	360	-	56	11	18	51	-	8	-	9	52	125	355	17	
West Districts	693,683	383	243	46	60	-	8	-	6	5	-	2	-	1	11	27	79	2	
North Districts	905,947	653	334	54	93	-	10	4	4	17	-	1	-	3	7	25	87	1	
Central Districts	282,238	154	93	21	15	-	-	-	1	1	-	-	-	-	6	9	22	1	
East Districts	692,738	549	276	60	70	-	2	1	3	11	-	3	-	1	8	31	82	1	
South Districts	1,285,148	1069	530	135	120	-	26	6	4	17	-	2	-	4	20	33	85	12	
METROPOLITAN ASYLUM (Eos- PITALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.	69883	45	24	4	7	-	-	-	-	-	-	1	-	-	1	5	5	-	
St. John Paddington H - - G.J.	37390	8	13	-	-	-	-	-	-	-	-	-	-	-	2	7	9	-	
Kensington Town W - - W.M.	120141	54	45	5	14	-	-	-	1	2	-	-	-	-	-	1	21	-	
Brompton H - - W.M. & C.	48010	17	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Hammersmith - - W.M.	7599	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.	64340	43	26	9	7	-	1	-	3	1	-	-	-	-	4	4	4	-	
Fulham W - - W.M. & C.	42900	66	25	8	7	-	1	-	-	-	-	-	-	-	-	3	4	-	
Chelsea South HHH - - E.	6396	22	11	2	3	-	1	-	-	-	-	-	-	-	-	-	1	-	
Chelsea North-west WHHHHH C.	21925	25	12	2	2	-	1	-	-	-	-	-	-	-	1	3	8	-	
Chelsea North-east - - C.	32807	16	13	6	2	-	-	-	-	1	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.	30353	9	9	1	3	-	-	-	-	1	-	-	-	-	-	-	4	-	
Belgrave WHHH - - C.	59220	25	24	3	3	-	2	-	2	-	-	1	-	-	2	2	12	-	
St. John Westminster HHH - C.	35496	15	8	3	2	-	-	-	1	-	-	-	-	-	-	1	1	1	
St. Margaret Westminster H - C.	24679	9	5	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	
St. James Westminster WHH N.R. & G.J.	29941	17	13	1	4	-	1	-	-	-	-	-	-	-	-	-	4	1	
St. Anne Soho HHHHHHH - N.R.	16608	8	5	-	3	-	1	-	-	-	-	-	-	-	-	-	2	-	
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.	26759	13	16	4	5	-	-	-	1	-	-	-	-	-	-	2	9	-	
Cavendish Square HHHH - W.M.	14391	8	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.	24809	7	13	4	4	-	-	-	-	2	-	-	-	-	-	-	3	-	
St. Mary Maryleb. HHH G.J. & W.M.	21118	26	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Christchurch Marylebone HHH - W.M.	33700	23	4	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. John Marylebone H - W.M.	33633	19	5	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
Hampstead WWHHHH N.R. & W.M.	45452	20	11	1	4	-	-	-	-	1	-	-	-	-	-	-	3	-	
Regent's Park Pancras H - W.M.	39115	23	7	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
Tottenham-court WHHHH N.R. & W.M.	27729	13	24	2	5	-	-	-	-	1	-	-	-	-	-	-	13	-	
Gray's Inn Lane HHH - N.R.	30247	23	13	2	4	-	-	-	-	-	-	-	-	-	-	-	3	-	
Somers Town H - - N.R.	34369	34	10	2	4	-	1	-	-	-	-	-	-	-	-	-	1	-	
Camden Town WH - - N.R.	17311	18	11	1	5	-	-	-	-	-	-	-	-	2	1	1	6	-	
Kentish Town W - - N.R.	87487	68	24	5	2	-	-	-	-	1	-	-	-	-	-	1	8	1	
Upper Holloway WWHH - N.R.	67946	60	53	7	17	-	6	1	-	4	-	-	-	1	1	6	15	-	
Islington South-west HH - N.R.	100976	71	31	9	7	-	1	1	1	5	-	-	-	-	1	5	1	-	
Islington South-east - - N.R.	61825	45	29	5	11	-	1	1	1	1	-	-	-	-	-	-	-	-	
Highbury H - - N.R.	52048	33	13	4	2	-	-	-	-	-	-	-	-	-	1	2	-	-	
Stoke Newington H - - N.R.	22731	16	6	-	4	-	-	-	-	-	-	-	-	-	-	1	-	-	
Stamford Hill - - E.L.	9277	9	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.	37310	31	5	-	3	-	-	-	-	-	-	-	-	-	1	1	3	-	
Hackney WWHH - E.L. & N.R.	76911	63	36	1	11	-	-	1	2	2	-	-	-	-	1	1	19	-	
South Hackney - - E.L.	39833	30	12	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.	16631	9	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.R.	14864	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles North - - N.R.	13837	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Martin-in-the-Fields HH N.R. & C.	17508	8	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand H - - N.R.	7515	3	4	1	2	-	-	-	-	1	-	-	-	-	-	-	2	-	
St. Clement Danes H - - N.R.	8559	3	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
Strand Union Workhouse, Edmonton w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Geo. the Martyr HHHHHHH N.R.	18671	11	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew Eastern W - - N.R.	10706	7	4	1	1	-	-	-	-	-	-	-	-	-	1	1	3	-	
Salter's Hall H - - N.R.	6533	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.	17516	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Anwell Clerkenwell - - N.R.	19281	15	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - N.R.	14773	12	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goodwell-street - - N.R.	17506	10	7	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-	
Old-street H - - N.R.	11341	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.	16628	21	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
Whitecross-street - - N.R.	9217	13	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
Finsbury - - N.R.	7453	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.	11174	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - N.R.	7193	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Sepulchre H - - N.R.	3368	-	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - - N.R.	4396	-	4	1	-	-	-	-	-	-	-	-	-	-	1	1	13	-	
Albion Barking - - N.R.	13566	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Brands Hatch H - - N.R.	5652	1	2	-	1	-	-	-	1	-	-	-	-	-	1	1	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of											Deaths in Public Institutions.	Uncertified Causes of Death.
					Deaths under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.			Violence.
EAST DISTRICTS.																	
St. Leonard Shoreditch	N.R. & E.L.	7376	4	2	1	-	-	-	-	-	-	-	-	-	1	2	
St. Leonard Shoreditch	HL*	14967	11	6	1	-	-	-	-	-	-	-	-	-	-	3	
St. Leonard New Town	-	24937	14	9	12	12	3	3	-	-	-	-	-	-	-	4	
St. Leonard Old Town	-	28036	13	8	5	3	3	-	-	-	-	-	-	-	-	5	
St. Leonard Shoreditch	N.R. & E.L.	46276	27	14	2	6	-	-	-	-	-	-	-	-	-	12	
St. Leonard Shoreditch	-	29788	28	11	4	2	-	-	-	-	-	-	-	-	-	1	
St. Leonard Shoreditch	-	47532	49	25	5	7	-	-	-	-	-	-	-	-	-	12	
St. Leonard Shoreditch	-	29981	22	7	4	-	-	-	-	-	-	-	-	-	-	8	
St. Leonard Shoreditch	-	18310	21	5	1	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	22585	14	4	2	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	15173	12	13	1	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	17490	14	22	4	5	-	-	-	-	-	-	-	-	-	9	
St. Leonard Shoreditch	-	9713	4	5	1	-	-	-	-	-	-	-	-	-	-	14	
St. Leonard Shoreditch	-	6102	9	3	-	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	38747	30	7	2	1	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	8410	4	13	1	6	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	10335	10	6	4	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	16107	14	6	2	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	32041	30	6	4	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	37980	26	13	2	5	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	67653	20	20	3	6	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	37074	30	12	3	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	64359	51	36	5	3	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	55077	48	23	5	6	-	-	-	-	-	-	-	-	-	-	
SOUTH DISTRICTS.																	
St. Leonard Shoreditch	-	13663	8	2	-	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	14999	8	1	1	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	21351	16	17	4	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	15953	7	8	3	1	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	-	21318	11	11	4	1	-	-</									

[illegible]

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS AND DEATHS registered during the Week ending Saturday, 30th March, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons Aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		370.924	950.857	920	400	9	110	-	13	3	6	7	1	1	14	25	53	4		
30: 1	Carshalton <i>wL</i> -	12258	21118	23	19	2	5	-	1	-	-	1	-	-	-	-	6	-		
2	Epsom (part of)* <i>WwH</i> -	9971	10710	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Godstone (part of)* -	2754	1235	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
38: 1	Croydon <i>WwHHL</i> -	20851	101241	71	39	7	12	-	-	-	-	-	-	-	2	4	12	-		
2	Mitcham <i>w†</i> -	11697	17932	15	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
39: 1	Wimbledon <i>HHH</i> -	3220	15350	18	5	1	1	-	-	-	-	-	-	-	-	-	1	-		
2	Kingston <i>WHH</i> -	8549	36351	23	19	8	5	-	-	-	-	-	-	-	-	1	2	-		
3	Esher (part of)* -	6601	9221	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton <i>H</i> -	4573	13539	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-		
40: 1	Richmond <i>WH</i> -	2272	21302	19	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Mortlake -	2941	12331	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bromley (pt. of)* <i>HH</i> -	15669	31142	33	10	2	4	-	-	-	-	1	-	-	-	-	-	-		
2	Chislehurst (pt. of)* <i>WHH</i> -	14307	15814	22	13	5	5	-	-	-	-	-	-	1	-	-	4	-		
42: 1	Bexley <i>H</i> -	18437	24134	22	7	1	3	-	-	-	-	1	-	-	-	-	-	2		
2	Dartford (W. pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Sunbury <i>w</i> -	11055	11645	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i> -	13277	12089	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
125: 1	Hillingdon <i>WHH</i> -	8029	10302	9	2	-	1	-	-	-	-	-	-	-	1	1	1	-		
2	Uxbridge -	6178	3225	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wHL</i> -	14537	11523	11	5	-	2	-	-	-	-	-	-	-	-	-	2	-		
126: 1	Isleworth <i>WHH</i> -	7003	22737	14	12	3	2	-	-	-	-	-	-	-	-	3	3	-		
2	Twickenham <i>H</i> -	2477	12479	6	6	1	-	-	1	-	-	-	-	-	-	-	1	-		
3	Brentford <i>HL</i> -	4345	27449	23	10	1	4	-	1	-	-	-	-	-	1	1	-	-		
4	Chiswick -	1340	15375	12	5	2	3	-	-	-	-	-	-	-	-	-	-	-		
5	Aston <i>wH</i> -	6033	23376	32	14	5	5	-	-	-	1	1	-	-	-	-	-	-		
127: 1	Harrow <i>H</i> -	13909	12793	6	3	2	1	-	-	-	-	-	-	-	-	1	-	-		
2	Edgware <i>H</i> -	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden -	4338	27453	45	13	3	1	-	-	-	-	-	-	-	1	1	-	-		
4	Hendon <i>W</i> -	8332	10434	20	10	3	1	-	-	1	1	-	-	-	-	-	1	-		
127: 1	Bushey -	9331	6621	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (W. pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128: 1	South Mimms -	15599	6331	1	4	2	-	-	-	-	-	-	-	-	1	1	-	-		
2	Barnet -	5433	10932	9	4	-	-	-	-	-	-	-	-	-	-	-	2	-		
3	Finchley <i>HL</i> -	4638	17615	15	6	1	3	-	-	-	-	-	-	-	-	-	5	-		
128: 1	Hatfield (part of)* -	3306	533	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
129: 1	Hornsey <i>H</i> -	3039	37078	32	9	2	4	-	-	-	-	1	-	-	-	-	-	-		
2	Tottenham <i>H</i> -	4642	46456	72	25	9	3	-	-	-	1	1	-	-	2	3	2	-		
3	Edmonton <i>Ww†</i> -	7453	22463	32	13	2	6	-	-	-	-	-	-	-	-	2	4	-		
4	Enfield <i>WH</i> -	12653	19104	13	13	1	5	-	-	-	-	-	-	-	1	1	1	-		
5	Waltham Abbey -	11017	5338	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt -	8480	7785	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
126: 1	Stratford -	882	38006	23	8	4	-	-	2	-	-	-	-	-	-	-	-	-		
2	West Ham <i>wWwWH‡</i> -	7351	101033	131	49	11	12	-	3	-	2	1	1	-	2	3	-	-		
3	Leyton <i>WwL</i> -	4372	32433	37	17	2	6	-	1	-	-	-	-	-	1	1	4	2		
4	Walthamstow <i>H</i> -	6530	28809	31	11	3	5	-	-	-	-	-	-	-	-	-	-	-		
127: 1	Chigwell (part of)* <i>H</i> -	11761	9633	7	7	1	2	-	3	1	-	-	-	-	-	-	1	-		
2	Epping (W. pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
129: 1	Romford (part of)* <i>W</i> -	6730	3111	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford -	8493	7845	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	10	7	2	2	-	-	1	1	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Hendley (pop. 1205); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 2, Bromley sub-district, except the parishes of Canning and Knockholt (pop. 1813); 41: 3, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Thredon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th March, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.		
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	448,334	5,642,015	17·3	1·7	1876	410	470	-	69	14	24	58	9	10	66	407				
INNER LONDON -	77,410	4,351,738	17·7	1·8	1475	316	330	-	55	11	13	51	8	9	52	355				
OUTER RING -	370,924	1,290,277	16·2	1·3	400	94	110	-	13	3	6	7	1	1	14	52				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,564,302 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	November 24	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	March 5	306	407	23·5	11	25	?	?	?	139	217	
MADRAS -	398,777	February 15	255	350	46·7	-	22	?	?	?	82	784	
PARIS -	2,260,945	March 23	1234	1160	26·7	6	46	3	45*	5	9	42	
BRUSSELS -	471,606	" 23	265	213	23·5	-	3	1	3	1	1	13	
(with 8 Faubourgs.)		" 16	272	176	22·9	-	7	-	3	3	4	-	
AMSTERDAM -	390,016	" 23	271	174	22·6	-	6	-	3	1	1	-	
ROTTERDAM -	197,723	" 16	136	97	25·4	-	2	-	-	2	-	-	
THE HAGUE -	153,440	" 23	142	90	23·6	-	2	-	-	2	-	2	
		" 16	123	57	19·3	-	1	-	-	1	-	-	
COPENHAGEN -	307,000	" 23	114	53	17·9	-	-	-	-	1	-	-	
		" 16	206	127	21·6	-	-	1	1	3	-	1	
STOCKHOLM -	221,549	" 16	142	81	19·0	-	-	2	4*	2	-	6	
CHRISTIANIA -	135,600	" 23	87	72	27·6	-	2	2	5	2	-	2	
ST. PETERSBURG	842,883	" 16	-	562	34·8	-	1	8	4	2	9	70	
BERLIN -	1,470,582	" 9	897	557	19·6	-	4	4	32	4	16	46	
HAMBURG (State)	550,694	" 16	432	278	26·3	-	1	2	10*	8	5	10	
DRESDEN -	264,196	" 16	171	108	21·3	?	-	1	7*	?	-	4	
BRESLAU -	313,451	" 23	222	163	27·2	-	-	-	3*	1	-	8	
MUNICH -	281,000	" 16	212	138	25·2	-	7	1	2*	-	1	11	
VINNA -	811,434	" 16	555	420	26·9	-	11	3	5	3	1	24	
PRAGUE -	304,856	" 16	-	157	26·9	16	-	4	5*	-	2	12	
BUDA-PESTH -	452,907	" 16	344	272	31·2	-	1	2	2	1	6	16	
TRIESTE -	158,084	" 16	-	90	29·6	-	-	-	2*	-	-	1	
ROME -	461,044	February 2	258	279	36·2	5	13	1	4	-	6†	5	
TURIN (8 days) -	306,398	" 28	194	190	28·3	-	-	1	3	2	2	8	
VENICE -	153,375	March 9	75	100	34·0	3	1	-	1	-	-	8	
		" 16	97	105	35·7	2	1	1	1	-	-	10	
CAIRO -	374,898	" 7	392	342	47·6	4	3	-	1	5	20	104	
ALEXANDRIA -	231,396	" 7	241	205	46·2	1	6	-	1	1	9	52	
NEW YORK -	1,549,500	" 9	-	877	29·5	-	21	54	50	24	2	15	
BROOKLYN -	814,505	" 9	-	898	25·5	-	13	6	26	8	2	1	
PHILADELPHIA -	1,040,245	" 9	-	435	21·8	-	-	8	8	2	21	1	
BALTIMORE -	500,343	" 9	-	151	15·7	-	-	3	4	1	1	-	

* Including deaths from croup.

† Including 3 deaths from cholera in Bombay, and 9 in Madras.

‡ Including 5 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30TH MARCH, 1889.

[Under the Superintendence of the Astronomer Royal.]

[illegible]

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,
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No. 14. 1889. VOL. L.] WEEK ENDING SATURDAY, APRIL 6. [Price 1½d.

General Register Office, Somerset House,
8th April, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·3 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.		Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.
Birkenhead	20·4	18·8	15·8	17·8	Liverpool -	23·1	24·2	22·7	19·9
Birmingham	18·4	20·1	21·2	21·5	London -	19·7	18·6	17·7	18·8
Blackburn -	33·1	36·1	23·2	30·6	Manchester -	27·8	31·5	30·3	27·8
Bolton -	30·5	26·4	26·8	25·9	Newcastle-on-Tyne*	23·3	19·4	24·0	20·7
Bradford*	20·4	19·1	22·4	20·9	Norwich -	25·4	19·3	19·3	19·3
Brighton -	19·3	15·0	17·6	12·9	Nottingham -	19·5	20·4	18·9	17·8
Bristol -	23·0	18·7	19·6	19·3	Oldham -	16·9	21·6	25·7	26·4
Cardiff*	17·1	23·1	19·4	19·0	Plymouth -	21·3	23·3	27·4	18·0
Derby -	17·5	17·5	12·7	21·2	Portsmouth -	20·3	20·7	17·4	16·3
Halifax -	25·7	16·1	13·5	17·4	Preston -	32·5	29·5	28·0	30·0
Huddersfield	24·7	19·7	21·4	21·4	Salford* -	23·8	22·3	20·3	20·7
Hull -	22·6	18·8	19·3	18·1	Sheffield -	24·9	23·9	21·8	25·0
Leeds -	24·4	26·3	22·6	23·9	Sunderland -	14·0	28·8	19·8	18·3
Leicester*	17·0	16·6	16·3	17·3	Wolverhampton -	23·4	18·3	19·6	22·8

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·6 in Bristol, 1·7 in Norwich, 1·9 in Manchester, 2·5 in Preston, 3·4 in Blackburn, and 6·4 in Bolton; from *scarlet fever*, 1·1 in Oldham, 1·3 in Blackburn, and 1·6 in Sheffield; from *whooping-cough*, 1·3 in Birmingham, Nottingham, Wolverhampton, and Plymouth, 1·4 in Bolton, 1·8 in Oldham and in Bradford, and 3·5 in Preston; and from "*fever*," 1·0 in Preston. The 47 deaths from *diphtheria* in these towns included 26 in London, 4 in Salford, 3 in Manchester, 3 in Liverpool, and 2 in Sunderland. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2676 BIRTHS and 1572 DEATHS were registered. Allowing for increase of population, the births were 222, and the deaths 251, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·7, 18·6, and 17·7 in the three preceding weeks, rose again last week to 18·8. During the thirteen weeks of last quarter the death-rate was 19·5 per 1000, and was 3·9 per 1,000 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1572 deaths included 74 from measles, 15 from scarlet fever, 26 from diphtheria, 49 from whooping-cough, 9 from enteric fever, 17 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 190 deaths were referred to these diseases, being 36 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 18; one small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, and not one in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 84 and 56 in the two preceding weeks, rose again last week to 74, and exceeded the corrected average by 20; 4 belonged to Fulham, 9 to Islington, 9 to Newington, 6 to Camberwell, 8 to Greenwich, and 6 to Plumstead sanitary areas. The fatal cases of *scarlet fever*, which had been but 6 and 11 in the two previous weeks, further rose last week to 15, but were 6 below the corrected average; 2 belonged to Shoreditch and 4 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 580 scarlet fever patients, against numbers ranging in the preceding twenty weeks between 980 and 569; 47 cases were admitted to these hospitals during the week, against 58 and 41 in the two previous weeks. The deaths from *diphtheria*, which had been 31, 23, and 18 in the three preceding weeks, rose again last week to 26, and exceeded the corrected average by 10; 2 belonged to Paddington, 2 to Kensington, 2 to Hammersmith, 2 to Marylebone, 4 to Islington, and 2 to Hackney sanitary areas. The fatal cases of *whooping-cough*, which had increased in the four previous weeks, from 29 to 51, declined again last week to 49, and were 36 below the corrected average; 3 belonged to Hampstead, 4 to Pancras, 4 to Islington, 3 to Bermondsey, and 6 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 18 and 9 in the two previous weeks, rose again last week to 17, and exceeded the corrected average by 2.

The deaths referred to *enteric fever*, which had been 4 and 8 in the two preceding weeks, further rose last week to 9, but were 3 below the corrected average. The death of an infant aged 19 months in St. George's, Southwark, was indefinitely referred to "infantile remittent fever." The Metropolitan Asylum Hospitals contained 40 cases of enteric fever and 2 of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 3 and 1 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had declined in the four preceding weeks from 402 to 332, rose again last week to 364, but were 110 below the corrected average.

Different forms of violence caused 69 deaths; 58 were the result of negligence or accident, among which were 18 from fractures and contusions, 9 from burns and scalds, 9 from drowning, and 15 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in the street; 4 by fall down stairs or steps; 1 by fall from scaffold; 1 by fall from window; 5 by falls in street or otherwise; and 1 by injury from machinery. An inquest was held in each of these 18 cases. Ten cases of suicide were registered, the corrected average being 7.

GREATER LONDON.

In Greater London 3554 births and 1896 deaths were registered, corresponding to annual rates of 32·9 and 17·5 per 1000 of the estimated population. In the Outer Ring 8 deaths from whooping-cough, 4 from measles, and 4 from diphtheria were registered.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·49 ins.; the highest reading was 29·81 ins. on Monday morning, and the lowest 29·02 ins. on Thursday afternoon. The mean temperature of the *air* was 43°·5, and 2°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the coldest day being Wednesday, when the mean fell to 39°·6, and was 6°·5 below the average. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·1 miles per hour, which was 1·2 miles below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·27 of an inch. The duration of registered bright sunshine in the week was 21·3 hours, against 26·1 hours at Glynde Place, Lewes.

CITIES AND BOROUGH.		POPULATION estimated, middle of the Year 1889.	Registered during the Week ending 6th Apr., 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.													
			BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in 1889.	Lowest.		Fahrenheit.	Mean.	Centigrade.	In Inches.	In Centi-metres.								
28 TOWNS*.		9,555,406	5813	3712	903	847	-	175	48	47	125	21	48	135	256	593	82	20.3	2.5	18.	19.	20.	21.	22.	23.	24.	58.8	30.0	41.9	5.50	0.72	1.83	- 28 TOWNS.	
LONDON	-	4,351,738	2076	1572	368	381	-	74	15	26	49	9	17	69	180	340	19	18.8	2.3	18.8	56.1	33.3	48.5	6.39	0.27	0.69	56.1	33.3	48.5	6.39	0.27	0.69	LONDON.	
BRIGHTON	-	121,807	46	30	7	9	-	-	-	-	2	-	-	-	-	5	2	12.9	0.9	12.9	52.0	35.5	42.1	5.61	0.62	1.57	52.0	35.5	42.1	5.61	0.62	1.57	BRIGHTON.	
PORTSMOUTH	-	141,283	105	44	10	13	-	-	-	1	2	-	1	-	2	4	-	10.3	2.8	10.3	-	-	-	-	-	-	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	-	94,510	49	35	10	12	-	3	1	-	2	-	-	-	4	1	-	18.0	2.0	18.0	58.8	37.0	45.4	7.44	0.75	1.90	58.8	37.0	45.4	7.44	0.75	1.90	NORWICH.	
PLYMOUTH	-	78,225	55	27	4	9	-	-	-	-	2	-	-	-	1	1	-	19.3	3.0	19.3	53.5	34.5	43.1	6.17	0.66	1.68	53.5	34.5	43.1	6.17	0.66	1.68	PLYMOUTH.	
BRISTOL	-	293,361	126	85	18	31	-	7	1	1	2	1	1	1	3	7	4	19.3	3.0	19.3	52.6	31.0	40.1	4.50	0.75	1.90	52.6	31.0	40.1	4.50	0.75	1.90	BRISTOL.	
WOLVERHAMPTON	-	82,544	42	36	7	12	-	1	-	2	2	-	-	-	-	3	-	22.8	3.2	22.8	52.6	31.0	40.1	4.50	0.75	1.90	52.6	31.0	40.1	4.50	0.75	1.90	WOLVERHAMPTON.	
BIRMINGHAM	-	454,835	265	187	46	41	-	2	2	1	11	-	6	7	17	36	2	21.5	2.5	21.5	-	-	-	-	-	-	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER*	-	150,520	85	50	21	10	-	-	-	1	1	-	-	1	7	3	-	17.3	0.7	17.3	-	-	-	-	-	-	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	-	237,812	144	81	23	23	-	-	-	-	6	1	2	2	4	6	4	17.8	2.0	17.8	55.6	33.6	41.5	5.28	0.61	1.55	55.6	33.6	41.5	5.28	0.61	1.55	NOTTINGHAM.	
DERBY	-	98,529	69	40	15	10	-	-	-	-	-	-	-	-	2	3	7	17.8	1.0	17.8	-	-	-	-	-	-	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	-	102,541	59	35	7	10	-	1	-	-	1	1	3	13	15	43	9	19.9	3.0	19.9	50.9	34.2	41.4	5.22	1.15	2.92	50.9	34.2	41.4	5.22	1.15	2.92	BIRKENHEAD.	
LIVERPOOL	-	606,562	314	231	59	34	-	15	4	3	3	1	2	2	4	-	-	25.9	9.6	25.9	-	-	-	-	-	-	-	-	-	-	-	-	LIVERPOOL.	
BOLTON	-	114,670	70	57	15	5	-	14	-	1	3	1	2	2	4	-	-	25.9	9.6	25.9	-	-	-	-	-	-	-	-	-	-	-	-	BOLTON.	
MANCHESTER	-	578,800	249	202	46	40	-	14	1	3	1	-	2	12	19	40	8	27.8	2.9	27.8	-	-	-	-	-	-	-	-	-	-	-	-	MANCHESTER.	
SAFORD*	-	234,283	147	93	21	15	-	4	1	4	1	1	-	4	5	14	4	20.7	2.4	20.7	-	-	-	-	-	-	-	-	-	-	-	-	SAFORD.	
OLDHAM	-	142,405	88	72	22	12	-	3	3	1	5	-	-	1	4	1	3	23.4	4.4	23.4	-	-	-	-	-	-	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	-	121,275	95	71	21	11	-	8	3	-	1	1	2	-	10	2	30.6	6.5	30.6	-	-	-	-	-	-	-	-	-	-	-	-	-	BLACKBURN.	
PRESTON	-	104,194	82	60	16	10	-	5	1	-	7	2	1	-	1	2	1	30.0	8.0	30.0	-	-	-	-	-	-	-	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	-	92,825	45	38	7	12	-	1	-	-	-	-	-	1	1	1	1	21.4	0.6	21.4	-	-	-	-	-	-	-	-	-	-	-	-	HUDDESFIELD.	
HALIFAX	-	81,080	41	27	5	7	-	1	-	-	-	-	-	1	1	1	3	17.4	0.6	17.4	-	-	-	-	-	-	-	-	-	-	-	-	HALIFAX.	
BRADFORD*	-	235,056	109	94	24	20	-	1	-	-	8	-	2	2	4	10	6	20.9	2.4	20.9	53.0	35.6	41.4	5.22	1.08	2.74	53.0	35.6	41.4	5.22	1.08	2.74	BRADFORD.	
LEEDS	-	357,449	207	164	42	35	-	8	2	1	3	1	6	8	18	3	23.9	3.1	23.9	-	-	-	-	-	-	-	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	-	827,227	225	157	31	32	-	9	10	1	1	1	1	2	8	4	25.0	3.7	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	SHEFFIELD.	
HULL	-	208,017	137	72	20	19	-	3	-	1	1	1	1	-	1	8	4	18.1	1.5	18.1	54.0	30.0	39.7	4.28	0.72	1.83	54.0	30.0	39.7	4.28	0.72	1.83	HULL.	
SUNDERLAND	-	184,183	90	47	7	15	-	1	1	2	2	-	-	1	1	3	-	18.3	1.9	18.3	-	-	-	-	-	-	-	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE*	-	160,983	108	64	17	13	-	1	1	1	2	-	-	4	5	2	2	20.7	1.6	20.7	50.0	36.0	40.5	4.72	0.63	1.60	50.0	36.0	40.5	4.72	0.63	1.60	NEWCASTLE.	
CARDIFF*	-	112,712	90	41	14	6	-	-	-	-	3	-	-	-	1	3	1	19.0	0.9	19.0	-	-	-	-	-	-	-	-	-	-	-	-	CARDIFF.	
EDINBURGH	-	266,900	141	91	17	26	-	-	-	-	5	1	-	3	9	18	21	17.8	1.2	17.8	53.8	32.8	40.5	4.72	0.67	1.70	53.8	32.8	40.5	4.72	0.67	1.70	EDINBURGH.	
GLASGOW	-	523,144	388	233	61	48	-	23	1	6	29	1	4	6	9	39	32	28.9	6.8	28.9	53.0	35.0	41.4	5.22	0.83	0.97	53.0	35.0	41.4	5.22	0.83	0.97	GLASGOW.	
DUBLIN	-	353,082	144	174	25	43	-	2	-	1	2	2	-	4	5	67	15	23.7	1.0	23.7	53.8	37.0	44.1	6.72	0.29	0.74	53.8	37.0	44.1	6.72	0.29	0.74	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FOURTEENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2610	2956	2612	2458	2928	2711	2473	2700	2538	2588	2897·8	2676
Males . .	1309	1533	1318	1217	1490	1377	1223	1378	1310	1305	1467·8	1408
Females .	1301	1423	1294	1241	1438	1334	1250	1322	1228	1283	1430·0	1268
TOTAL Deaths	1938	1532	1532	1596	1940	1689	1859	1578	1437	1593	1822·6	1572
Males . .	987	802	792	828	1008	845	971	780	752	841	933·5	807
Females .	971	730	740	768	932	844	888	798	685	752	884·1	765

*The numbers in this column are the average weekly numbers in the fourteenth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.
TOTAL Births	2668	2837	2599	2662	2772	2511	2695	2609	2698	2699	2670	2808	2676
TOTAL Deaths	2075	1769	1620	1570	1460	1516	1567	1472	1637	1638	1554	1476	1572
Ages at Death													
{ 0–20 years	850	776	709	714	650	655	666	681	695	719	666	642	729
{ 20–40 "	218	197	162	158	131	132	202	153	175	188	165	200	175
{ 40–60 "	333	288	280	270	243	279	278	254	309	298	274	274	237
{ 60–80 "	506	423	394	338	313	322	337	314	391	357	366	237	305
{ at 80 years & upwds.	118	80	75	90	73	78	84	70	67	76	83	73	76
" { Under 1 year	373	373	325	370	324	326	344	349	322	362	317	316	368
{ 1–5	370	315	281	250	233	247	238	257	277	249	276	242	261
{ 5–20	107	88	103	94	93	82	84	75	96	108	73	84	100
Deaths from Small-pox	176	121	83	71	56	43	70	67	76	60	84	56	74
" " Measles	17	19	20	11	12	16	14	12	16	16	6	11	15
" " Diphtheria	21	38	33	38	24	24	27	25	20	31	23	18	26
" " Whooping-cough	37	36	24	38	33	31	31	31	29	37	42	51	49
" " Typhus	10	7	10	10	5	13	8	6	4	6	4	8	9
" " Enteric fever	1	—	1	1	—	—	—	—	3	—	—	—	—
" " Simple Cont ^d fever	12	11	24	13	18	10	16	18	15	14	18	9	17
" " Diarrhoea and Dysentery	1	—	—	—	—	1	—	—	—	2	—	—	—
" " Cholera	275	232	195	182	148	138	167	160	163	166	177	153	190
" " all the above-mentioned Diseases	652	492	456	409	340	376	362	362	402	396	378	332	364
" " Dis. of Respiratory System	187	136	152	138	140	158	156	127	161	162	139	153	170
" " Phthisis	195	155	141	142	132	120	130	116	150	157	127	153	146
" " Dis. of Circulatory System	58	63	50	55	49	44	65	57	52	63	53	52	69
Violent Deaths	143	121	102	104	91	98	114	118	114	127	111	125	130
Inquest Cases	398	386	401	382	314	375	353	353	395	378	365	354	340
Deaths in Public Institutions													
TEMPERATURE OF THE AIR													
Mean	35·3	37·8	38·5	43·1	35·6	34·3	41·4	32·8	37·4	38·8	42·5	45·6	43·5
Mean of Highest readings	39·7	41·0	43·3	49·4	41·9	40·9	47·3	37·7	46·3	46·8	50·3	54·6	51·8
Mean of Lowest readings	30·9	34·0	33·6	36·5	30·2	27·1	36·2	29·8	28·9	31·2	35·7	38·6	37·4
Humidity of the Air	93	87	93	88	81	84	81	83	75	80	80	81	78
Rain-fall in inches	0·49	0·62	0·15	0·22	0·80	1·19	0·05	0·13	0·54	0·04	0·53	0·11	0·27
Registered Sunshine (in hours)	2·7	1·5	5·3	13·0	7·4	8·7	14·9	7·6	26·0	14·8	18·4	14·3	21·3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—P. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, W. W. Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 14th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 6th April 1889.										Corrected Averages for the 14th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	In the Week ending Saturday, 6th April 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.			Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.							
ALL CAUSES -	1822.6	1572	368	261	100	175	287	305	76														
Small-pox { Vaccinated† -	19.2 {	-	-	-	-	-	-	-	-	Diseases of Organs of Special Sense † -	2.7	1	-	1	-	-	-	-	-				
Unvaccinated -		-	-	-	-	-	-	-	-	Diseases of Circulatory System -	123.3	145	1	-	6	17	47	65	9				
No Statement -		-	-	-	-	-	-	-	-	Croup -	16.8	11	3	8	-	-	-	-	-				
Measles -	53.9	74	15	49	10	-	-	-	-	Bronchitis -	235.0	216	43	41	2	6	32	64	23				
Scarlet Fever -	21.3	15	1	11	3	-	-	-	-	Pneumonia -	121.5	105	27	33	5	15	13	9	3				
Typhus -	0.7	-	-	-	-	-	-	-	-	Pleurisy -	7.6	4	-	1	1	2	-	-	-				
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	42.9	23	6	5	3	1	5	7	1				
Influenza -	0.2	-	-	-	-	-	-	-	-	Dentition † -	20.1	16	11	5	-	-	-	-	-				
Whooping-cough -	85.4	49	22	28	1	-	-	-	-	Quinsy, Sore Throat † -	1.4	1	-	-	1	-	-	-	-				
Diphtheria -	16.1	26	1	13	10	2	-	-	-	Enteritis -	6.0	9	3	1	-	1	1	3	-				
Simple Continued and Ill-defined Fever -	3.3	-	-	-	-	-	-	-	-	Peritonitis -	7.5	5	-	-	-	3	1	1	-				
Enteric Fever -	11.9	9	-	2	4	3	-	-	-	Diseases of Liver -	32.4	22	5	1	-	1	10	5	-				
Cholera -	0.3	-	-	-	-	-	-	-	-	Other Diseases of Digestive System -	31.1	30	8	2	3	2	6	6	3				
Diarrhoea, Dysentery -	14.6	17	10	3	-	1	-	3	-	Diseases of Lymphatic System & of Ductless Glands † -	2.1	2	1	-	-	-	1	-					
Remittent Fever -	0.5	1	-	1	-	-	-	-	-	Diseases of Urinary System -	37.8	35	-	-	2	6	12	15	-				
Hydrophobia -	0.1	-	-	-	-	-	-	-	-	Diseases of Generative System -	6.7	6	-	-	-	5	1	-	-				
Glanders -	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.5	1	-	-	-	1	-	-	-				
Corpox and Effects of Vaccination † -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † -	8.2	6	-	-	3	1	1	1	-				
Venerical Affections -	11.8	13	7	1	-	2	3	-	-	Diseases of Integumentary System -	5.6	3	3	-	-	-	-	-	-				
Erysipelas -	7.4	7	4	-	-	1	2	-	-	VIOLENT DEATHS.†													
Pyæmia and Septicæmia †	3.7	1	-	-	-	-	1	-	-	ACCIDENT.)													
Puerperal Fever -	6.9	3	-	-	1	2	-	-	-	Fracture and Contusion -	21.8	18	-	-	3	2	7	6	-				
Other Zymotic Diseases †	1.2	-	-	-	-	-	-	-	-	Gunshot Wound -	0.1	1	-	-	-	1	-	-	-				
Thrush -	1.5	1	1	-	-	-	-	-	-	Cut, Stab -	0.4	-	-	-	-	-	-	-	-				
Worms and other Parasitical Diseases -	0.5	-	-	-	-	-	-	-	-	Burn and Scald -	7.1	9	2	4	2	1	-	-	-				
Starvation, Want of Breast-milk † -	1.8	-	-	-	-	-	-	-	-	Poison -	1.3	1	-	-	-	-	-	1	-				
Alcoholism -	4.5	4	-	-	-	2	1	1	-	Drowning -	5.0	9	-	-	1	3	3	2	-				
Rheumatic Fever, Rheumatism of Heart †	7.3	8	-	-	4	2	1	1	-	Suffocation -	16.9	17	15	-	-	1	1	-	-				
Rheumatism † -	2.1	1	-	-	-	-	-	1	-	Otherwise -	3.2	3	2	-	-	-	-	-	-				
Gout -	3.9	6	-	-	-	-	3	3	-	(HOMICIDE.)													
Rickets † -	4.7	3	1	2	-	-	-	-	-	Murder & Manslaughter -	1.9	1	-	-	-	1	-	-	-				
Cancer -	49.0	63	-	-	-	3	29	23	3	(SUICIDE.)													
Tabes Mesenterica -	25.6	24	12	9	2	1	-	-	-	Gunshot Wound -	1.1	2	-	-	-	1	1	-	-				
Tubercular Meningitis -	33.7	14	6	6	-	-	-	-	-	Cut, Stab -	0.7	2	-	-	-	-	1	-	-				
Phthisis -	187.2	170	5	3	18	71	65	8	-	Poison -	1.6	3	-	-	-	1	2	-	-				
Serofula, Tuberculosis -	17.7	28	12	5	6	2	1	-	-	Drowning -	1.1	1	-	-	-	-	-	-	-				
Other Constitutional Diseases † -	10.8	6	-	-	-	2	1	3	-	Hanging -	1.8	1	-	-	-	-	1	-	-				
Premature Birth -	35.1	37	37	-	-	-	-	-	-	Otherwise -	0.4	1	-	-	-	-	-	1	-				
Atelectasis † -	3.7	3	3	-	-	-	-	-	-	(EXECUTION.)													
Congenital Malformations -	7.0	5	5	-	-	-	-	-	-	Hanging -	0.0	-	-	-	-	-	-	-	-				
Old Age -	62.4	43	-	-	-	-	-	19	29	OTHER CAUSES † -	60.7	53	46	2	-	1	3	1	-				
Apoplexy -	47.4	44	-	-	1	2	17	21	3														
Epilepsy -	6.0	7	-	-	-	4	3	-	-														
Convulsions -	57.4	38	33	5	-	-	-	-	-														
Other Diseases of Brain and Nervous System -	101.9	89	12	21	6	6	12	21	2														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending,

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths from														Deaths in Public Institutions.	Un- certified Cases
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON		3,815,704	2676	1572	368	381	-	74	15	26	49	-	9	-	17	69	130	340		
West Districts		689,638	394	271	54	73	-	9	2	5	7	-	-	-	3	11	21	75		
North Districts		905,947	600	344	78	91	-	17	2	11	14	-	4	-	1	11	25	69		
Central Districts		282,238	171	108	26	26	-	1	1	3	2	-	-	-	-	6	10	37		
East Districts		692,738	509	291	70	70	-	5	3	-	2	-	2	-	7	17	37	64		
South Districts		1,365,143	1002	558	140	121	-	42	7	7	24	-	3	-	6	24	37	93		
METROPOLITAN ASYLUM FOR FETALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		89688	45	30	5	6	-	-	-	2	1	-	-	-	-	2	3	8		
St. John Paddington H - - G.J.		37380	9	12	1	2	-	-	-	-	-	-	-	-	-	1	1	6		
Kensington Town W - - - W.M.		120141	63	41	5	17	-	-	-	1	-	-	-	-	-	2	3	21		
Brompton H - - - W.M. & C.		43010	12	13	2	3	-	-	-	-	-	-	-	-	-	1	2	-		
St. Peter Hammersmith - - W.M.		7569	4	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	55	32	8	8	-	4	2	-	2	-	-	-	1	4	5	3		
Fulham W - - - W.M. & C.		42900	66	30	7	5	-	-	-	-	-	-	-	-	-	-	-	8		
Chelsea South HHH - - - D.		6396	15	18	4	5	-	2	-	-	1	-	-	-	-	2	2	2		
Chelsea North-west WHHHHH C.		21925	20	15	3	4	-	-	-	-	1	-	-	-	-	1	-	7		
Chelsea North-east - - - C.		32897	30	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair - WW - - - G.J.		80353	2	14	4	3	-	1	-	1	1	-	-	-	-	-	-	10		
Belgrave WHH - - - C.		35498	22	24	5	4	-	1	-	-	-	-	-	-	-	-	-	-		
St. John Westminster HHH - - C.		35498	20	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Margaret Westminster H - C.		24679	8	11	-	6	-	-	-	-	-	-	-	-	-	1	3	-		
St. James Westminster WHH N.R. & G.J.		29941	7	8	1	3	-	1	-	-	-	-	-	-	-	-	-	2		
St. Anne Soho HHHHHHH - N.R.		18608	3	7	6	1	-	-	-	-	-	-	-	-	1	-	-	-		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	8	12	3	1	-	2	-	1	-	-	-	-	-	3	4	-		
Cavendish Square HHHH - - W.M.		14391	3	2	-	1	-	-	-	-	1	-	-	-	-	-	-	1		
Rectory Marylebone WH G.J. & W.M.		24809	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	32	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HHH - W.M.		33700	18	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - W.M.		33633	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead WWHHHH N.R. & W.M.		45452	37	23	6	4	-	-	-	2	3	-	-	-	-	1	4	5		
Regent's Park Paneras H - - W.M.		39115	10	9	2	2	-	-	-	1	-	-	-	-	-	-	-	-		
Tottenham-court WHHHH N.R. & W.M.		27729	13	20	4	2	-	1	-	1	1	-	1	-	-	2	12	-		
Gray's Inn Lane HHH - - N.R.		30247	16	7	1	-	-	-	-	-	-	-	-	-	-	1	1	2		
Somers Town H - - - N.R.		34369	21	16	7	3	-	-	-	-	1	-	1	-	-	1	2	-		
Camden Town WH - - - N.R.		17811	19	10	2	7	-	-	-	-	-	-	-	-	-	2	2	8		
Kentish Town W - - - N.R.		87487	63	37	8	10	-	2	-	-	2	-	-	-	-	-	-	5		
Upper Holloway WWHH - - N.R.		67946	61	56	11	18	-	3	1	2	1	-	1	-	1	3	3	22		
Islington South-west HH - - N.R.		100976	82	33	9	7	-	4	-	-	2	-	-	-	-	2	3	-		
Islington South-east - - N.R.		61826	45	21	6	4	-	1	-	-	1	-	-	-	-	-	3	-		
Highbury H - - - N.R.		52048	33	12	1	1	-	1	-	2	-	-	-	-	-	-	-	1		
Stoke Newington H - - - N.R.		22781	16	11	-	6	-	2	1	-	-	-	-	-	-	-	-	-		
Stamford Hill - - - E.L.		9277	4	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - - N.R.		37610	16	15	-	6	-	1	-	1	1	-	-	-	-	1	2	1		
Hackney WWHH - - - E.L. & N.R.		70911	55	30	7	9	-	-	-	1	-	-	-	-	-	-	-	8		
South Hackney - - - E.L.		39383	23	1	5	4	-	-	-	-	1	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		16681	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - - N.R.		14864	13	9	-	1	-	-	-	-	1	-	-	-	-	-	-	2		
St. Giles North - - - N.R.		13637	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17504	4	8	2	1	-	-	-	-	-	-	-	-	-	1	1	3		
St. Mary-le-Strand H - - N.R.		7515	5	2	-	1	-	-	-	-	-	-	-	-	-	1	2	-		
St. Clement Danes H - - N.R.		8559	6	6	1	1	-	-	-	-	-	-	-	-	-	-	1	4		
Strand Union Workhouse, Edmonton w.		-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3		
St. Geo.-the-Martyr HHHHHHH N.R.		18671	7	9	3	1	-	-	-	-	-	-	-	-	-	1	1	6		
St. Andrew Eastern W - - N.R.		10706	5	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - - N.R.		6533	3	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - N.R.		17516	9	9	9	4	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - N.R.		19281	11	9	4	-	-	-	-	-	-	-	-	-	-	1	1	-		
Pentonville - - - N.R.		14773	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - - N.R.		17096	17	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - - N.R.		11541	11	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
City-road HHL - - - N.R.		13623	26	9	5	-	-	-	-	1	1	-	-	-	-	1	1	1		
Whitecross-street - - N.R.		9217	6	4	-	1	-	-	-	-	-	-	-	-	-	-	1	-		
Finsbury - - - N.R.		7463	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcam; w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1		
St. Botolph H - - - N.R. & E.L.		11174	8	3	-	2	-	1	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - - N.R.		7193	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - - N.R.		5358	4	17	-	3	-	-	-	-	-	-	-	-	-	1	2	17		
St. Bride W - - - N.R.		3896	4	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-		
Albhallows Barking - - N.R.		13066	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - - N.R.		6652	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths from													
					Infants under Year of age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																		
Collywell Shoreditch	N.R. & E.L.	7376	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Leonard Shoreditch	H.L.	14967	26	16	-	3	-	-	-	-	-	-	-	-	-	-	2	6
Boxton New Town	N.R.	29937	25	13	2	7	-	-	-	-	-	-	-	-	-	-	2	8
Boxton Old Town	N.R.	28636	25	13	7	7	-	-	-	-	-	-	-	-	-	-	2	7
Laggerston W.H.	N.R. & E.L.	46275	42	24	7	7	-	-	-	-	-	-	-	-	-	-	-	-
Jackney-road H.	E.L.	29738	30	18	5	2	-	-	-	-	-	-	-	-	1	2	4	-
Green, Bethnal Green	W.H.L.	47932	34	25	5	8	-	-	-	-	-	-	-	-	1	1	1	10
Green, Bethnal Green	E.L.	29981	24	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Green, Bethnal Green	E.L.	19310	11	4	-	3	-	-	-	-	1	-	-	-	-	-	-	-
Highfields	E.L. & N.R.	22585	5	3	1	1	-	-	-	-	-	-	-	-	-	1	1	-
High New Town W	E.L.	15478	14	7	1	2	-	-	1	-	-	-	-	-	-	-	1	5
Whitechapel Church H	E.L. & N.R.	17490	14	16	3	2	-	-	-	-	-	-	-	-	-	-	1	10
Woodman's Fields	E.L.	9713	4	4	1	1	-	-	-	-	-	-	-	-	-	-	2	-
Wigmore	N.R. & E.L.	6102	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George's North	E.L.	88747	38	17	5	-	-	-	-	-	-	-	-	1	-	3	-	-
St. John, St. George East	W	8410	8	9	2	2	-	-	-	-	-	-	-	-	-	-	6	-
Hadwell H.H.	E.L. & N.R.	10395	4	5	1	1	-	-	-	-	-	-	-	-	-	1	2	-
Highgate	E.L.	16107	14	8	1	2	-	-	-	-	-	-	-	-	-	2	-	-
Highgate	E.L.	32041	23	11	3	2	-	-	1	-	-	-	-	-	-	-	-	-
Highgate Old Town West	E.L.	37980	33	13	3	3	-	-	-	-	-	-	-	-	1	3	-	-
Highgate Old Town East	W.H. & E.L.	67653	43	27	9	6	-	-	-	-	-	1	-	2	-	1	4	-
Howland	E.L.	37074	25	16	3	3	-	-	-	-	-	-	-	-	3	5	1	-
Bromley W.H.	E.L.	64359	44	28	5	6	-	-	-	-	-	1	-	-	1	1	10	-
Poplar W.H.	E.L.	56077	31	20	4	7	-	-	-	-	-	-	-	3	4	-	-	-
SOUTH DISTRICTS.																		
Christchurch Southwark	L. & S.	13663	9	5	-	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Saviour Southwark	S.	14999	13	6	3	1	-	-	-	-								

<p> Marylebone Infirmary in Kensington Town sub-district. General London Sick Asylum in Tottenham Court-road sub-district. Holborn Infirmary in City of Holborn sub-district. London City Workhouse " Hackney sub-district. Holborn " " Hoxton New Town sub-district. Whitechapel " " Mile End Old Town Eastern sub-dist. London City " " Mile End Old Town Eastern sub-dist. " " " and Bromley sub-district. * Private Lunatic Asylums in London District. </p>	<p> Stepney Workhouse in Bromley sub-district. Poplar & Stepney Sick Asylum " " " " Westminster Union Industrial School in West Battersea sub-district. Strand and Holborn Workhouses outside Registration London. St. Saviour's Infirmary in Camberwell sub-district. Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London. </p>
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TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 16th April, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING		370,924	950,957	878	324	84	86	-	4		4	8	2	-	7	15	30	4
30:1	Carshalton <i>wL</i> -	12228	21118	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of)* <i>WwH</i>	9071	10710	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Godstone (part of) * -	2754	1235	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHHL</i> -	20851	101241	75	26	-	10	-	-	-	-	1	1	-	-	1	1	-
2	Mitcham <i>w†</i> -	11697	17932	15	6	-	3	-	-	-	1	-	-	-	1	1	-	-
39:1	Wimbledon <i>HHH</i> -	3220	15950	11	3	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WHH</i> -	8549	38354	18	10	1	4	-	-	-	-	1	-	-	-	-	1	-
3	Esher (part of) * -	6601	9221	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i> -	4573	18339	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
40:1	Richmond <i>WH</i> -	2272	21302	10	6	-	3	-	-	-	-	-	-	-	1	1	2	-
2	Mortlake -	2941	12331	7	3	1	1	-	-	-	-	-	-	-	1	1	-	-
41:1	Bromley (pt. of) * <i>HH</i>	15669	31142	37	13	2	1	-	-	-	-	2	1	-	-	-	1	1
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	12	5	2	1	-	-	-	-	-	-	-	-	-	-	-
42:1	Bexley <i>H</i> -	18437	24184	13	4	1	1	-	-	-	-	-	-	-	1	1	-	-
2	Dartford (<i>Ww</i> , pts. of)* -	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	1
124:1	Sunbury <i>w</i> -	11055	11885	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12089	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-
125:1	Hillingdon <i>WHH</i> -	6029	10802	12	3	1	5	-	-	-	-	-	-	-	-	-	2	-
2	Uxbridge -	6173	5325	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i> -	14537	11523	9	2	1	1	-	-	-	-	-	-	-	-	-	1	-
126:1	Isleworth <i>WHH</i> -	7003	22727	27	9	1	4	-	-	-	-	-	-	-	-	-	1	-
2	Twickenham <i>H</i> -	2477	12479	6	4	-	1	-	-	-	-	-	-	-	-	1	-	-
3	Brentford <i>HL</i> -	4345	27649	13	7	1	2	-	-	-	-	-	-	-	-	-	1	-
4	Chiswick -	1340	15975	16	8	2	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>wH</i> -	6083	22376	26	13	5	2	-	-	-	-	1	-	-	1	2	-	-
127:1	Harrow <i>H</i> -	13909	12796	5	7	2	3	-	-	-	-	-	-	-	-	-	1	-
2	Edgware <i>H</i> -	6994	3749	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	37	11	6	2	-	-	-	-	-	-	-	-	-	-	-
4	Hendon <i>W</i> -	8332	10434	8	9	2	2	-	-	1	-	-	-	-	-	-	2	-
137:1	Bushey -	9331	6621	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128:1	South Mimms -	15509	6391	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5433	10092	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>HL</i> -	4988	17615	24	15	2	5	-	-	-	-	-	-	-	-	1	7	-
135:1	Hatfield (part of) * -	3806	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i> -	3039	37078	42	17	5	4	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> -	4642	46455	57	21	8	4	-	-	1	1	-	-	-	1	1	2	1
3	Edmonton <i>Ww†</i> -	7453	23463	17	5	-	2	-	-	-	-	-	-	-	-	-	-	-
4	Enfield <i>WH</i> -	12653	19104	16	4	-	1	-	-	1	-	-	-	-	-	-	1	-
5	Waltham Abbey -	11017	5363	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8430	7735	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford -	892	33603	34	15	4	4	-	-	-	1	-	-	-	-	1	-	-
2	West Ham <i>wvwH†</i> -	7351	101053	142	36	18	4	-	1	-	1	-	-	-	-	-	-	-
3	Leyton <i>WwL</i> -	4572	32430	35	11	4	1	-	-	-	-	1	-	-	-	-	4	1
4	Walthamstow <i>H</i> -	6590	23363	32	12	1	5	-	-	-	-	-	2	-	-	-	-	-
137:1	Chigwell (part of) * <i>H</i>	11761	9639	9	4	2	-	-	2	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)* -	-	-	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-
139:1	Romford (part of) * <i>W</i>	6730	3411	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9293	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30 : 2, Epsom sub-district, except the parishes of Asenstead and Hleadley (pop. 1235); 37 : 1, the parishes of Waringham and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 1993); 41 : 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41 : 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135 : 1, the parish of Northaw in Hatfield sub-district; 137 : 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139 : 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42 : 2, Dartford, 137 : 2, Watford, and 137 : 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th April, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1899.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	17.5	1.9	1896	452	467	-	78	17	30	57	11	17	76	370		
INNER LONDON -	77,410	4,351,738	18.8	2.3	1572	368	381	-	74	15	26	49	9	17	69	340		
OUTER RING -	370,924	1,290,277	13.1	0.8	324	84	86	-	4	2	4	8	2	-	7	30		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,564,302 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.
CALCUTTA - -	433,219	-	-	-	-	-	-	-	-	-	-	-
BOMBAY - -	773,196	March 12	271	483	27.9	9	21	?	?	?	181	34†
MADRAS - -	398,777	February 22	232	357	46.5	-	32	?	?	?	77	66†
PARIS - - -	2,260,945	March 30	1220	1054	24.2	4	40	1	52*	6	14	60
BRUSSELS - - with 8 Faubourgs.)	471,606	" 30	279	187	20.6	-	4	-	1	1	4	13
AMSTERDAM -	390,016	" 30	257	186	24.2	-	10	-	4	2	1	-
ROTTERDAM -	197,723	" 30	142	95	24.9	-	-	-	-	-	-	-
THE HAGUE -	153,440	" 30	98	53	19.6	-	1	-	-	1	-	-
COPENHAGEN -	307,000	" 23	208	123	20.9	-	-	1	5	3	1	2
STOCKHOLM -	221,549	" 23	174	63	16.0	-	-	1	1	1	-	5
CHRISTIANIA -	135,601	" 30	86	46	17.6	-	3	1	5	-	-	-
ST. PETERSBURG	842,883	" 23	-	643	39.8	1	1	16	10	12	17	79
BERLIN - - -	1,470,582	" 16	887	559	19.7	-	3	6	15	9	14	54
HAMBURG(State)	550,694	" 23	388	279	26.4	-	-	5	13*	7	5	6
DRESDEN - - -	264,196	" 23	150	101	19.9	-	-	-	2*	-	-	3
BRESLAU - - -	313,451	" 30	233	153	25.6	-	-	-	6*	-	-	13
MUNICH - - -	281,000	" 23	186	152	23.1	-	12	6	10*	-	-	12
VIENNA - - -	811,434	" 23	575	423	27.1	-	8	2	8	1	2	15
PRAGUE - - -	304,856	" 23	-	181	31.0	9	1	2	4	2	3	6
BUDA-PESTH -	452,907	" 23	347	271	31.1	-	1	1	7	-	5	18
TRIESTE - - -	158,084	" 23	-	96	31.6	1	-	1	-	-	-	1
ROME - - - -	401,044	{ February 9	237	222	23.8	2	7	2	4	1	1	7
		" 16	273	239	31.0	3	8	1	7	1	3‡	11
TURIN (8 days) -	306,398	March 10	-	-	-	-	-	-	-	-	-	-
VENICE - - -	153,375	" 23	77	115	39.1	3	1	-	-	1	2	10
CAIRO - - - -	374,838	" 14	334	330	45.9	7	3	-	5*	4	22	99
ALEXANDRIA -	231,396	" 14	221	260	58.6	1	12	-	-	-	10	69
NEW YORK - -	1,549,500	" 16	-	863	29.1	-	20	46	47	24	6	12
BROOKLYN - -	814,505	" 16	-	411	26.3	-	18	7	21	12	1	6
PHILADELPHIA -	1,040,245	" 16	-	405	20.3	-	1	8	6	1	8	5
BALTIMORE - -	500,343	" 16	-	175	18.3	-	-	2	4	-	1	-

* Including deaths from croup.

† Including 2 deaths from cholera in Bombay, and 5 in Madras.

‡ Including 1 death from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th APRIL, 1889.

[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.										TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected by Gauge whose surface is above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
MONTH AND DAY.	Phases of the Moon.	BAROMETER.	Of the Air.					Of the Dew Point.					Difference between the Air Temperature and Dew Point Temperature.					Degree of Radiation (Saturation 100°).	Of Radiation.				Of the Water of the Thames at Deptford.		Oster's.			Robinson's.			Miles. from Average of 10 years.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average value, 30 years.	Mean daily value.	Great- est.	Least.	High- est.	Low- est.	Mean daily value.	Great- est.	Least.	High- est.	Low- est.		A.M.	P.M.	General Direction.	Great- est.	Least.	Mean of 34 hourly obs.	Horizontal Movement of the Air on each day.	Depar- ture from Average of 10 years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
MARCH.	New.	in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

GENERAL REMARKS.	
The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.	
Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.	
The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the twenty years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1876.	
In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.	
The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.	
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are —F, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.	
The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.	
The reading of the barometer decreased from 29.79 in. at the beginning of the week to 29.70 in. by noon on the 31st of March; increased to 29.81 in. by 9h. A.M. on the 1st of April; decreased to 29.62 in. by 8h. P.M. on the 4th; increased to 29.35 in. by 9h. A.M. on the 6th; and decreased to 29.25 in. by the end of the week.	
ERRATA in Report for Week ending 23rd March 1888.—Page 11 (col. 26), 21st March, for	

ELECTRICITY.	
(For explanation of symbols, see Note.)	
DATE.	Registered Sunshine, in hours.
MARCH.	Sun above Horizon, in hours.
SUNDAY . 31	1.7 12.8
APRIL . 1	0.8 12.9
TUESDAY . 2	4.6 13.0
WEDNESDAY . 3	0.0 13.0
THURSDAY . 4	6.2 13.1
FRIDAY . 5	4.0 13.2
SATURDAY . 6	4.0 13.2
MEANS.	Sum 21.3 Sum 91.2
No. of Col.	90 90

The electrometer was not in action throughout the week

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,
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No. 15. 1889. VOL. L.] WEEK ENDING SATURDAY, APRIL 13. [Price 1½d.

General Register Office, Somerset House,
15th April, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·9 per 1000. The death-rates in the several towns, in each of the last four weeks, were :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.		Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.
Birkenhead	18·8	15·8	17·8	13·7	Liverpool -	24·2	22·7	19·9	23·3
Birmingham	20·1	21·2	21·5	22·6	London -	18·6	17·7	18·8	17·9
Blackburn -	36·1	23·2	30·6	30·1	Manchester -	31·5	30·3	27·8	28·1
Bolton -	26·4	26·8	25·9	21·8	Newcastle-on-Tyne*	19·4	24·0	20·7	28·2
Bradford* -	19·1	22·4	20·9	17·8	Norwich -	19·3	19·3	19·3	16·6
Brighton -	15·0	17·6	12·9	20·1	Nottingham -	20·4	18·9	17·8	20·2
Bristol -	18·7	19·6	19·3	17·1	Oldham -	21·6	25·7	26·4	25·3
Cardiff*	23·1	19·4	19·0	18·1	Plymouth -	23·3	27·4	18·0	20·0
Derby -	17·5	12·7	21·2	14·8	Portsmouth -	20·7	17·4	16·3	20·3
Halifax -	16·1	13·5	17·4	19·3	Preston -	29·5	28·0	30·0	31·0
Huddersfield	19·7	21·4	21·4	22·5	Salford* -	22·3	20·3	20·7	17·6
Hull -	18·8	19·3	18·1	15·6	Sheffield -	23·9	21·8	25·0	21·8
Leeds -	26·3	22·6	23·9	24·5	Sunderland -	28·8	19·8	18·3	22·9
Leicester* -	16·6	16·3	17·3	15·9	Wolverhampton -	18·3	19·6	22·8	13·9

The highest annual death-rates, measured by last week's mortality, were :— from *measles*, 2·0 in Preston, 2·2 in Oldham, 2·3 in Bolton, 2·5 in Birkenhead, and 3·7 in Manchester; from *scarlet fever*, 1·5 in Birkenhead, and 1·7 in Blackburn; from *whooping-cough* 1·7 in Blackburn, 1·9 in Newcastle-upon-Tyne, 2·3 in Cardiff, and 2·5 in Preston; and from "*fever*," 1·0 in Preston, and 1·1 in Portsmouth. The 43 deaths from *diphtheria* in the twenty-eight towns included 36 in London and 3 in Birmingham. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2509 BIRTHS and 1493 DEATHS were registered. Allowing for increase of population, the births were 287, and the deaths 303, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·7 and 18·8 in the two preceding weeks, declined again last week to 17·9. During last quarter the death-rate was 19·5 per 1000, and 3·9 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1493 deaths included 72 from measles, 13 from scarlet fever, 36 from diphtheria, 43 from whooping-cough, 1 from typhus, 10 from enteric fever, 1 from an ill-defined form of continued fever, 11 from diarrhoea and dysentery, and not one from small-pox or cholera; thus, 187 deaths were referred to these diseases, being 49 below the corrected average weekly number.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last interdecennial period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

No death from *small-pox* was registered, the corrected average being 17. The fatal cases of *measles*, which had been 84, 56, and 74 in the three preceding weeks, declined again last week to 72, but exceeded the corrected average by 15; 11 belonged to Islington, 4 to St. George Southwark, 5 to Newington, 4 to Bermondsey, 6 to Greenwich, and 8 to Plumstead sanitary areas. The 13 deaths from *scarlet fever* showed a decline of 2 from the number in the previous week, and were 8 below the corrected average; 2 belonged to Hackney sanitary area. The deaths referred to diphtheria further rose from 18 and 26 in the two preceding weeks to 36, and exceeded the corrected average by 17; 3 belonged to Pancras, 4 to Poplar, 3 to St. George Southwark, and 3 to Lambeth sanitary areas. The 43 fatal cases of *whooping-cough* showed a further decline from the numbers in the two previous weeks, and were less than half the corrected average; 24 belonged to the sanitary areas in South London. The 10 deaths referred to *enteric fever*, although exceeding the low numbers in recent weeks, were 6 below the corrected average; 2 belonged to the Strand and 2 to Camberwell sanitary areas. A death in Greenwich was attributed to typhus. The deaths referred to diseases of the respiratory organs decreased last week to 294, and were 161 below the corrected average.

GREATER LONDON.

In Greater London 3344 births and 1845 deaths were registered, corresponding to annual rates of 30.9 and 17.1 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 6 from diphtheria, and 4 from "fever" were registered. Three fatal cases of measles were registered in Bexley and in Chigwell sub-districts; and 2 of diphtheria in Hillingdon sub-district.

DEATHS BELONGING to the SEVERAL SANITARY AREAS of REGISTRATION LONDON registered in the 13 WEEKS ENDING on 30TH MARCH, 1889.

SANITARY AREAS.	Total Deaths from all Causes.	Deaths from Principal Zymotic Diseases.									Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhea.		
REGISTRATION LONDON	20,789	-	1103	179	343	451	2	104	7	188	4455	127
WEST.												
Paddington	476	-	4	4	9	7	-	4	-	6	102	134
Kensington	652	-	8	1	31	4	-	2	-	8	138	133
Hammer-smith	448	-	19	1	13	11	-	6	1	6	104	145
Fulham	390	-	23	2	2	3	-	2	1	3	111	140
Chelsea	477	-	15	1	5	9	-	4	-	2	72	136
St. George Hanover Square	413	-	26	-	11	8	-	2	-	3	72	165
Westminster	304	-	29	-	12	8	-	1	-	2	53	128
St. James Westminster	143	-	11	-	-	8	-	1	-	2	20	139
NORTH.												
Marylebone	761	-	16	-	6	15	-	5	-	6	149	122
Hampstead	178	-	2	1	1	20	-	2	-	3	31	89
Pancras	1161	-	24	4	10	50	-	8	1	18	233	120
Islington	1440	-	81	12	10	37	-	8	3	18	316	123
Hackney	890	-	49	13	16	13	-	6	-	6	171	98
CENTRAL.												
St. Giles	277	-	21	-	5	5	-	2	-	3	47	149
St. Martin-in-the-Fields	85	-	4	1	-	4	-	2	-	1	11	133
Strand	196	-	12	1	3	5	-	1	-	-	26	160
Holborn	226	-	4	3	4	4	-	-	-	-	42	167
Clerkenwell	383	-	29	3	5	7	-	1	-	4	72	119
St. Luke's	277	-	13	5	3	1	-	-	-	3	64	105
London City	268	-	2	-	5	1	-	1	-	1	23	133
EAST.												
Shoreditch	606	-	15	2	5	8	-	7	-	7	166	135
Bethnal Green	714	-	54	17	6	5	-	4	-	5	160	114
Whitechapel	431	-	12	-	6	3	-	1	-	3	89	134
St. George-in-the-East	312	-	3	3	11	2	-	2	-	3	61	125
Stepney	333	-	2	6	9	2	-	2	-	3	64	114
Mile End Old Town	563	-	9	7	6	8	-	3	-	4	129	122
Poplar	692	-	17	21	20	22	-	5	-	4	201	128
SOUTH.												
St. Saviour Southwark	165	-	8	-	2	2	-	-	-	3	32	122
St. George Southwark	426	-	41	7	8	13	-	2	-	4	95	158
Newington	703	-	65	5	12	19	1	5	1	3	158	149
St. Olave Southwark	107	-	21	-	-	-	-	-	-	-	25	194
Bermondsey	566	-	63	8	6	26	-	1	-	5	124	153
Rotherhithe	215	-	14	1	2	6	-	3	-	4	107	137
Lambeth	1520	-	105	19	20	34	1	5	-	19	346	143
Battersea	653	-	60	5	12	14	-	1	-	8	132	132
Wandsworth	614	-	22	2	12	6	-	2	-	2	112	106
Camberwell	1135	-	125	12	15	42	-	4	-	11	240	130
Greenwich	729	-	23	6	5	37	-	4	-	5	163	112
Lewisham (excluding Penge)	245	-	6	6	4	1	-	1	-	2	37	122
Woolwich	202	-	5	1	2	-	-	-	-	1	39	103
Plumstead	329	-	83	-	4	6	-	-	-	2	76	100

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 49 that occurred outside that area in the

Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals, have been distributed to the sanitary areas from which the deceased inmates were admitted. On the other hand the deaths of 349 non-residents who died in Public Institutions inside London have been excluded from the Table.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·32 ins.; the lowest reading was 29·11 ins. on Monday evening, and the highest 29·55 ins. at the end of the week. The mean temperature of the *air* was 43°·5, and 3°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed a slight excess on Monday, but was considerably below the average on each of the other days of the week. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 8·9 miles per hour, which was 3·2 miles below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·56 of an inch. The duration of registered bright sunshine in the week was 8·6 hours, against 14·2 hours at Glyde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of MARCH 1889; according to their returns 155,425,673 gallons or 706,170 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 208 gallons (94·5 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 26·6 gallons (12·1 decalitres) to each person, against 27·3 gallons during March 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	MARCH. 1888.	MARCH. 1889.	MARCH. 1888.	MARCH. 1889.
TOTAL SUPPLY	735,551	748,727	156,534,723	155,425,673
From Thames	354,543	360,786	78,475,368	77,582,844
From Lea and from other Sources	381,008	387,941	78,059,355	77,842,829
THAMES.				
Chelsea	34,483	34,835	9,465,029	9,072,930
West Middlesex	70,146	71,339	14,167,501	13,977,465
Southwark and Vauxhall	109,104	110,707	23,126,303	21,787,724
Grand Junction	53,988	55,243	15,431,735	16,414,125
Lambeth	86,822	88,662	16,384,600	16,330,600
LEA AND OTHER SOURCES.				
New River	149,841	151,975	27,398,000	27,800,000
East London	166,856	164,109	39,277,086	38,760,032
Kent	70,311	71,857	11,384,269	11,282,777

Note.—The Return for March 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,176 houses, and a decrease of 1,109,050 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MARCH.

*Water-analysis Laboratory, The Yews, Reigate,
3rd April, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of March.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·5, Tottenham 1·4, Colne Valley 1·5, New River and Grand Junction 1·8, Lambeth 2·1, Southwark 2·6, East London 3·5, West Middlesex 3·7, and Chelsea 4·4.

The Thames water sent out by the Chelsea, West Middlesex, and Southwark Companies, was inferior in quality to that delivered in February by the same Companies, whilst that supplied by the Grand Junction and Lambeth Companies was superior. The Grand Junction Company again attained the highest degree of organic purity and equalled the New River Company in this respect. The Chelsea Company, although operating upon the same raw material as that employed by the Grand Junction Company, delivered water which contained more than twice as much organic impurity. This advantage to the customers of the Grand Junction Company is not due to the greater size of the Company's storage reservoirs since these have not one-third the capacity of the Chelsea Company's reservoirs; but, by pumping from the gravel beds alongside the Thames, the Grand Junction Company avoids taking in much water direct from the river when the latter is in a foul condition. All these Thames-derived waters were efficiently filtered.

Of the water chiefly derived from the River Lea, that supplied by the New River Company was of better, whilst that sent out by the East London Company was considerably worse, than the February supply. Both waters were efficiently filtered before delivery.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a very high degree of organic purity; and the Colne Valley Company's water, having been softened before delivery, was also of good quality for laundry use. The water supplied by the Tottenham Local Board of Health was slightly turbid.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent and Colne Valley, clear and colourless; Tottenham, slightly turbid and colourless; New River, clear and nearly colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "rather more turbid, and contained considerably more organic matter than it has done for some time past."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	March 4th.	°								
	Chelsea - - -	{ Cab Rank, Horse Guards, Whitehall. }	5·6	30·72	·218	·043	0	·274	·317	1·8	20·3
	West Middlesex -	{ March 4th, Cab Rank, Portland-road. }	5·7	31·74	·187	·033	0	·306	·339	1·8	21·2
	Southwark - - -	{ March 4th, Cab Rank, Bricklayers Arms, Old Kent-road. }	5·8	32·58	·124	·030	0	·309	·339	1·8	22·1
	Grand Junction -	{ March 4th, Cab Rank, Uxbridge-road, near Marble Arch. }	5·0	32·78	·079	·030	0	·353	·393	1·8	22·4
	Lambeth - - -	{ March 4th, Cab Rank, St. George's- road, Southwark. }	6·1	33·80	·101	·023	0	·370	·393	1·8	22·7
	LEA.	March 4th.									
Outer Circle.	New River - - -	{ Cab Rank, Tottenham Court-road. }	5·5	31·34	·078	·027	0	·374	·401	1·8	21·5
	East London - -	{ March 4th, Fire Brigade Station, Commercial-road, E. }	5·5	36·48	·173	·034	0	·300	·334	2·1	23·0
	DEEP WELLS.	March 4th.									
	Kent - - - - -	{ Mill Lane, Deptford. }	12·5	40·70	·019	·008	0	·550	·558	2·6	28·6
	Colne Valley - -	{ March 7th, Bushey. }	—	17·60	·075	·014	·085	·421	·505	2·1	7·4
	Tottenham - - -	{ March 1st, Tottenham. }	—	45·00	·066	·015	·035	·385	·420	3·1	25·7
	Corporation of Birming- ham* - - - -	{ March 1st, 2, Betholom Row. }	6·1	28·88	·210	·043	·062	·220	·204	1·7	16·7
	Corporation of Glasgow†	{ March 15th, Loch Katrine Water. }	4·9	2·80	·200	·057	0	·004	·061	·7	·95
Column 1.			3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 4th March at the Horse Guards cab-rank, had a temperature of 5·6 C.; 100,000 lbs. of it contained 30·72 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·218 lb. of carbon and ·043 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·274 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·317 lb. The above weight of water also contained 1·8 lbs. of chlorine; and 20·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 13th April, 1889.

CITIES AND BOROUGHES.	Registered during the Week ending 13th Apr., 1889.			The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHES.			
	POPULATION estimated to the middle of the Year 1886.	BIRTHS.	DEATHS.	Deaths of Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	From All Week's Deaths			Mean.				In Inches.	In Centi- metres.	
																Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	From All Causes.	From Diseases in Cols. 6-12.	Highest.	Lowest.				Fahrenheit.	Centigrade.
Cols.																									
28 TOWNS*	9,555,406	5627	3647	844	829	-	174	45	43	104	38	32	136	253	593	83	19.9	2.4	55.1	31.8	41.2	5.11	23.	24.	28 TOWNS. LONDON.
LONDON	4,351,738	2560	1403	322	373	-	72	13	36	43	12	11	68	130	325	14	17.9	2.2	55.1	35.5	43.5	6.39	0.56	1.42	BRIGHTON.
BRIGHTON	121,807	54	47	13	16	-	-	-	-	-	1	3	2	9	3	20.1	0.4	54.5	37.0	44.7	7.06	0.65	1.65	PORTSMOUTH.	
PORTSMOUTH	141,253	113	55	9	20	-	-	-	-	-	1	3	2	3	8	2	20.3	1.8	-	-	-	-	-	-	NORWICH.
NORWICH	94,510	61	30	10	11	-	-	-	-	-	1	1	1	1	1	-	20.0	0.6	-	-	-	-	-	-	PLYMOUTH.
PLYMOUTH	78,225	44	30	9	9	-	-	-	-	-	1	1	3	4	12	3	17.1	0.7	53.0	36.2	42.3	5.72	3.04	7.72	BRISTOL.
BRISTOL	229,361	117	75	15	23	-	2	-	-	-	-	-	3	4	12	3	13.9	0.0	49.9	31.8	39.8	4.33	1.39	3.53	WOLVERHAMPTON.
WOLVERHAMPTON	82,544	49	22	6	7	-	-	-	-	-	-	-	-	-	3	1	13.9	0.0	49.9	31.8	39.8	4.33	1.39	3.53	WOLVERHAMPTON.
BIRMINGHAM	454,835	251	197	44	36	-	3	4	3	7	1	1	8	23	22	1	22.6	2.2	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER*	150,520	82	46	16	5	-	-	-	1	1	-	-	3	7	5	3	15.9	0.7	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	134	92	33	23	-	1	-	1	1	2	2	1	2	4	2	20.2	1.3	50.5	35.0	39.9	4.39	1.23	3.12	NOTTINGHAM.
DERBY	98,529	47	28	9	7	-	-	-	-	-	-	-	-	-	3	-	14.8	2.1	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,511	54	27	5	2	-	5	3	-	1	-	-	-	1	5	-	13.7	4.6	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,552	324	271	65	45	-	14	8	1	9	6	3	10	11	44	16	23.3	3.5	48.5	33.2	39.8	4.33	0.92	2.34	LIVERPOOL.
BOLTON	114,670	90	48	10	10	-	5	2	-	-	1	-	-	-	3	3	21.8	3.6	-	-	-	-	-	-	BOLTON.
MANCHESTER	378,800	260	204	50	34	-	27	1	-	4	1	1	7	12	34	4	28.1	5.1	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,283	143	79	19	17	-	2	1	-	3	1	1	2	6	12	-	17.6	1.6	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	82	63	16	11	-	6	1	-	4	-	4	4	4	6	3	25.3	4.0	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	74	70	12	17	-	4	4	-	4	-	1	1	2	6	1	30.1	5.6	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,134	77	62	18	3	-	4	-	-	5	2	-	2	3	3	4	31.0	5.5	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	36	40	9	14	-	3	-	-	-	1	-	-	-	8	2	22.5	2.8	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	81,080	38	30	8	10	-	1	-	-	-	1	-	-	-	3	3	19.3	1.3	-	-	-	-	-	-	HALIFAX.
BRADFORD*	255,056	112	80	19	23	-	-	1	-	4	1	1	1	3	9	1	17.8	1.6	46.8	35.5	39.1	3.94	1.49	3.78	BRADFORD.
LEEDS	357,449	240	168	38	31	-	13	1	-	4	-	1	5	16	14	4	24.5	2.8	-	-	-	-	-	-	LEEDS.
SHEFFIELD	237,227	217	137	28	29	-	-	4	-	2	-	-	2	3	13	7	21.8	2.4	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	130	62	18	16	-	1	-	-	1	1	-	1	2	6	5	15.6	0.8	49.0	35.0	38.8	3.78	0.69	1.75	HULL.
SUNDERLAND	154,183	99	59	14	13	-	-	-	-	1	-	-	2	3	6	1	22.9	0.8	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE*	160,983	103	87	20	17	-	2	1	-	6	-	-	6	7	18	-	28.2	3.6	46.0	35.0	38.5	3.61	0.98	2.49	NEWCASTLE.
CARDIFF*	112,712	87	39	9	7	-	-	-	-	5	1	-	2	5	8	-	18.1	2.8	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,500	161	76	13	21	-	-	-	1	2	-	-	3	?	15	16	14.9	0.6	43.2	34.6	38.9	3.83	0.82	2.08	EDINBURGH.
GLASGOW	528,144	408	294	64	40	-	23	1	3	30	-	3	11	9	41	30	29.0	5.9	-	-	-	-	-	-	GLASGOW.
DUBLIN	353,082	192	174	37	39	-	10	-	-	7	2	2	3	11	51	26	23.7	3.1	49.8	37.7	42.1	5.61	0.97	2.46	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIFTEENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2355	2656	2344	2529	2598	2429	2617	2655	2626	2331	2795.9	2509
Males	1241	1329	1171	1222	1349	1232	1353	1342	1328	1442	1430.0	1292
Females	1114	1327	1173	1307	1249	1197	1259	1313	1298	1389	1365.9	1217
TOTAL Deaths	1786	1519	1636	1727	1803	1474	1706	1571	1558	1692	1796.2	1493
Males	870	787	809	865	944	771	865	828	803	892	919.6	777
Females	916	732	827	862	859	703	841	743	755	810	877.6	716

*The numbers in this column are the average weekly numbers in the fifteenth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.
TOTAL Births	2837	2599	2662	2772	2511	2695	2609	2698	2699	2670	2808	2676	2509
TOTAL Deaths	1769	1620	1570	1460	1516	1567	1472	1637	1638	1554	1476	1572	1493
Ages at Death													
{ 0–20 years	776	709	714	650	655	666	681	695	719	666	642	729	671
{ 20–40 „	197	162	158	181	182	202	153	175	188	165	200	175	183
{ 40–60 „	288	280	270	243	279	278	254	309	298	274	274	287	266
{ 60–80 „	428	394	388	313	322	337	314	391	357	366	287	305	310
{ at 80 years & upwds.	80	75	90	73	78	84	70	67	76	83	73	76	63
„ { Under 1 year	373	325	370	324	326	344	349	322	362	317	316	368	322
{ 1–5 „	315	291	250	233	247	238	257	277	249	276	242	261	251
{ 5–20 „	88	103	94	93	82	84	75	96	108	73	84	100	93
Deaths from Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
„ „ Measles	121	83	71	56	43	70	67	76	60	84	56	74	72
„ „ Scarlet fever	19	20	11	12	16	14	12	16	16	6	11	15	13
„ „ Diphtheria	38	33	38	24	24	27	25	20	31	23	18	26	36
„ „ Whooping-cough	36	24	38	33	31	31	31	29	37	42	51	49	43
„ „ Typhus	—	—	—	—	—	1	1	—	—	—	—	—	1
„ „ Enteric fever	7	10	10	5	13	8	6	4	6	4	8	9	10
„ „ Simple Cont'd fever	—	1	1	—	—	—	—	3	—	—	—	—	1
„ „ Diarrhoea and Dysentery	11	24	13	18	10	16	18	15	14	18	9	17	11
„ „ Cholera	—	—	—	—	1	—	—	—	2	—	—	—	—
„ „ all the above-mentioned Diseases	232	195	182	148	138	167	160	163	166	177	153	190	187
„ „ Dis. of Respiratory System	492	456	409	340	376	362	362	402	396	378	332	364	294
„ „ Phthisis	136	152	138	140	158	156	127	161	162	139	153	170	152
„ „ Dis. of Circulatory System	155	141	142	132	120	130	116	150	157	127	153	146	135
Violent Deaths	63	50	55	49	44	65	57	52	63	53	52	69	68
Inquest Cases	121	102	104	91	98	114	118	114	127	111	125	130	130
Deaths in Public Institutions	386	401	382	314	375	353	353	395	378	365	354	340	325
TEMPERATURE OF THE AIR													
Mean	37.8	38.5	43.1	35.6	34.3	41.4	32.8	37.4	38.8	42.5	45.6	43.5	43.5
Mean of Highest readings	41.0	43.3	49.4	41.9	40.9	47.3	37.7	46.3	46.8	50.3	54.6	51.8	50.4
Mean of Lowest readings	34.0	33.6	36.5	30.2	27.1	36.2	29.8	28.9	31.2	35.7	38.6	37.4	33.6
Humidity of the Air	87	93	88	81	84	81	83	75	80	80	81	78	90
Rain-fall in inches	0.62	0.15	0.22	0.80	1.19	0.05	0.13	0.54	0.04	0.53	0.11	0.27	0.56
Registered Sunshine (in hours)	1.5	5.3	13.0	7.4	8.7	14.9	7.6	26.0	14.8	18.4	14.3	21.3	8.6

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

USES OF DEATH.

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.
† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.
‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When no medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."
§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending,

		The DEATHS registered in the Week include																			
REGISTRATION		Enu- mer- ated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes at Death.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON		3,815,704	2509	1493	322	373	-	72	13	36	43	1	10	1	11	68	130	325			
West Districts		681,633	364	255	42	81	-	11	-	2	6	-	2	1	-	11	29	77			
North Districts		905,947	555	324	64	79	-	15	7	10	7	-	2	-	3	18	30	60			
Central Districts		282,238	153	112	22	24	-	3	-	3	2	-	3	-	-	4	11	30			
East Districts		692,738	482	281	63	68	-	3	1	5	4	-	1	-	1	12	23	77			
South Districts		1,205,148	955	521	131	121	-	40	5	16	24	1	2	-	7	23	35	81			
METROPOLITAN ASYLUM FOR FETAL OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Districts.																					
St. Mary Paddington WHH G.J. & W.M.		69889	35	29	2	6	-	-	-	-	-	-	1	-	-	1	4	6			
St. John Paddington H - G.J.		27380	10	8	1	5	-	-	-	-	-	-	-	-	-	1	1	5			
Kensington Town W - W.M.		120141	63	48	3	24	-	-	-	-	-	-	-	-	-	1	4	13			
Brompton H - W.M. & C.		48010	14	14	3	2	-	-	-	-	-	-	-	-	-	1	3	4			
St. Peter Hammersmith - W.M.		7399	6	2	1	-	-	-	-	-	-	-	-	-	-	1	2	4			
St. Paul Hammersmith H W.M. & G.J.		64340	50	34	10	7	-	1	-	2	-	-	-	-	-	2	8	2			
Fulham W - W.M. & C.		42900	61	27	4	8	-	-	-	-	2	-	-	-	-	1	1	1			
Chelsea South HHH - C.		6386	15	10	4	4	-	-	-	-	-	-	-	-	-	1	1	1			
Chelsea North-west WHHHH C.		21925	14	20	2	5	-	1	-	-	-	-	-	-	-	-	-	12			
Chelsea North-east - C.		32807	21	10	2	-	-	1	-	-	-	-	-	-	-	-	-	-			
May Fair W - G.J.		80353	8	15	1	11	-	-	-	-	-	-	-	-	-	-	1	11			
Belgrave WHH - C.		89220	27	24	4	4	-	2	-	1	-	1	-	-	3	4	13	-			
St. John Westminster HHH - C.		35496	22	8	2	4	-	2	-	-	-	-	-	-	-	-	1	-			
St. Margaret Westminster H - C.		24379	11	7	1	2	-	1	-	1	-	-	-	-	-	-	1	2			
St. James Westminster WHH N.R. & G.J.		29941	5	7	1	3	-	2	-	-	-	-	-	-	-	3	-	-			
St. Anne Soho HHHHHH - N.R.		16608	7	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-			
North Districts.																					
All Souls Marylebone HHHH - W.M.		26759	7	14	1	3	-	-	-	-	-	-	-	-	-	1	1	6			
Cavendish Square HHHH - W.M.		14891	3	3	-	3	-	-	-	-	-	-	-	-	-	-	1	1			
Rectory Marylebone WH G.J. & W.M.		24809	6	5	2	-	-	1	-	-	1	-	-	-	-	-	1	-			
St. Mary Marylebone HHH G.J. & W.M.		21118	24	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone HHH - W.M.		23700	19	11	3	2	-	-	-	-	-	-	-	-	-	2	2	-			
St. John Marylebone H - W.M.		33633	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Hampstead WWHHHH N.R. & W.M.		45452	24	18	4	5	-	-	-	-	-	-	-	-	-	-	1	2			
Regent's Park Pancras H - W.M.		39115	24	10	2	3	-	-	-	1	-	-	-	-	-	1	1	5			
Tottenham-court WHHHH N.R. & W.M.		27729	13	14	1	4	-	-	-	-	-	-	-	-	-	2	3	2			
Gray's Inn Lane HHH - N.R.		30247	12	10	2	4	-	-	-	1	-	1	-	-	-	2	3	2			
Scars Town H - N.R.		84369	14	13	4	4	-	1	-	-	-	-	-	-	-	2	2	11			
Camden Town WH - N.R.		17311	17	20	1	4	-	-	-	1	-	-	-	-	-	2	2	11			
Kentish Town W - N.R.		87487	54	30	8	5	-	-	-	1	1	-	1	-	2	2	4	1			
Upper Holloway WWH - N.R.		67946	56	33	2	9	-	8	-	2	-	-	-	-	1	2	6	10			
Islington South-west HH - N.R.		100976	71	32	8	6	-	3	1	-	1	-	1	-	-	1	2	2			
Islington South-east - N.R.		61825	43	21	9	5	-	-	-	-	1	-	-	-	-	-	-	-			
Highbury H - N.R.		52048	30	10	2	5	-	-	-	-	1	-	-	-	-	-	-	-			
Stoke Newington H - N.R.		22781	7	8	3	2	-	2	-	-	1	-	-	-	-	-	-	-			
Stamford Hill - E.L.		9277	11	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney H - N.R.		37610	22	13	2	4	-	-	-	-	-	-	-	-	-	-	1	1			
Hackney WWHH - E.L. & N.R.		76911	80	35	6	7	-	-	-	5	4	-	-	-	-	1	1	16			
South Hackney - E.L.		39983	31	14	2	2	-	1	-	1	-	-	-	-	-	1	1	2			
Central Districts.																					
St. George Bloomsbury - N.R.		16681	8	4	1	2	-	-	-	-	1	-	-	-	-	-	-	-			
St. Giles South WH - N.R.		14884	5	6	2	1	-	-	-	-	1	-	1	-	-	-	1	2			
St. Giles North - N.R.		18837	6	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.		17508	4	5	-	2	-	-	-	-	-	-	-	-	-	-	-	2			
St. Mary-le-Strand H - N.R.		7515	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - N.R.		8559	2	7	1	-	-	-	-	-	-	-	1	-	-	1	1	4			
Strand Union Workhouse, Edmonton w.		-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	2	-			
St. Geo. the Martyr HHHHHHH N.R.		18671	13	10	1	1	-	-	-	-	-	-	-	-	-	-	1	6			
St. Andrew Eastern W - N.R.		10706	7	4	1	1	-	-	-	1	-	-	-	-	-	1	1	1			
Saffron Hill H - N.R.		6538	5	6	1	3	-	-	-	-	-	-	-	-	-	-	1	1			
St. James Clerkenwell - N.R.		17516	10	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
Amwell Clerkenwell - N.R.		19281	16	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-			
Fentonville - N.R.		14773	17	6	3	-	-	-	-	-	-	-	-	-	-	-	1	-			
Goswell-street - N.R.		17505	17	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-			
Old-street H - N.R.		11541	8	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - N.R.		18622	10	9	5	-	-	-	-	-	-	-	-	-	-	2	2	1			
Whitecross-street - N.R.		9217	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Finabury - N.R.		7463	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Holborn Union Workhouse, Mitcham. w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph H - N.R. & E.L.		11174	5	5	-	-	-	2	-	1	-	-	-	-	-	-	-	1			
Cripplegate - N.R.		7193	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - N.R.		5353	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Bride W - N.R.		8396	4	2	-	2	-	-	-	1	-	-	-	-	-	-	1	11			
Albhallows Barking - N.R.		13666	4	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-			
Broad Street H - N.R.		6652	-	3	1	1	-	-	-	-	-	-	1	-	-	-	-	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 13th April, 1889.

The DEATHS registered in the Week include

The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Deaths.	Deaths of											Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
			Deaths from	Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con- tinued Fever.				Diarrhoea.	Violence.
EAST DISTRICTS.																
Holywell Shoreditch - N.R. & E.L.	7376	5	2	-	2	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch HL* - N.R.	14967	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Hoxton New Town W - N.R.	29937	19	22	5	9	-	-	-	-	-	-	-	-	-	-	-
Hoxton Old Town - N.R.	28036	14	10	3	2	-	-	-	-	-	-	-	-	-	-	-
Haggerston WH - N.R. & E.L.	46275	33	22	6	7	-	-	1	-	-	-	-	-	2	3	11
Hackney-road H - E.L.	26738	24	10	5	2	-	-	-	1	-	-	-	-	-	1	-
Green, Bethnal Green WHL* - E.L.	47932	86	19	23	6	-	-	-	1	-	-	-	-	-	-	3
Church, Bethnal Green - E.L.	29981	28	6	2	-	-	1	-	-	-	-	-	-	-	-	-
Town, Bethnal Green - E.L.	18910	17	4	1	-	-	1	-	-	-	-	-	-	-	1	-
Spitalfields - E.L. & N.R.	22585	11	8	1	2	-	1	-	-	-	-	-	-	-	1	-
Mile End New Town W - E.L.	15473	14	10	1	4	-	-	-	-	-	-	-	-	-	-	7
Whitechapel Church H E.L. & N.R.	17490	10	24	1	2	-	-	1	-	-	-	-	-	4	5	21
Goodman's Fields - E.L.	9713	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate - N.R. & E.L.	6102	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-
St. George's, North - E.L.	38747	24	9	5	2	-	-	-	-	-	-	-	-	-	-	-
St. John, St. George East W - E.L.	8410	3	5	-	2	-	-	-	-	-	-	-	-	-	-	3
Shadwell HH - E.L. & N.R.	16995	18	4	2	-	-	-	-	-	-	-	-	-	-	-	3
Ratcliff - E.L.	16107	8	6	1	-	-	-	-	-	-	-	-	-	-	-	-
Limehouse - E.L.	32041	21	7	2	-	-	-	1	-	-	-	-	-	-	-	-
Mile End Old Town West - E.L.	37960	18	12	5	2	-	-	-	1	-	-	1	-	-	1	-
Mile End Old Town East WHH - E.L.	67653	44	28	9	7	-	-	-	-	-	-	1	-	-	-	8
Bow - E.L.	37074	27	14	2	4	-	-	1	1	-	-	-	-	-	-	4
Bromley WHH - E.L.	64359	49	30	5	7	-	1	-	-	-	-	-	-	3	6	11
Poplar WHH - E.L.	55077	44	23	4	5	-	-	-	1	-	-	-	-	3	5	1
SOUTH DISTRICTS.																
Christchurch Southwark WH L. & S.	18663	5	6	2	-	-	-	-	-	-	-	-	1	2	2	1
St. Saviour Southwark - S.	14999	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Kent-road - S. & L.	21881	14	15	3	3	-	3	-	1	-	-	-	1	1	1	-
Borough-road WH - S. & L.	18953	18	13	4	2	-	1	-	-	-	-	-	-	1	2	2
London-road HL L. & S.	21315	8	2	1	-	-	-	-	-	-	-	-	-	-	1	-
Trinity Newington - S. & L.	26732	14	8	1	3	-	1	-	-	-	-	-	-	-	1	-
St. Peter Walworth W - S. & L.	59555	34	22	6	6	-	1	-	-	-	-	-	-	-	-	1
St. Mary Newington - L. & S.	21623	22	10	1	1	-	3	-	1	-	-	-	-	-	-	-
St. Olave WH - S.	11956	16	17	3	-	-	-	3	2	-	-	-	-	2	2	15
Leather Market - S. & L.	16300	10	9	4	1	-	1	1	-	-	-	-	-	-	-	-
St. Mary Magdalen W - S.	14659	13	5	1	2	-	-	-	-	-	-	-	-	-	-	1
St. James Bermondsey - S.	54682	40	16	5	3	-	2	-	1	-	-	-	-	-	-	-
Rotherhithe WH - S. & K.	36024	36	20	3	4	-	2	-	3	-	-	-	-	-	-	6
Waterloo-road 1st H - L. & S.	15195	14	4	3	-	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd H - L. & S.	16331	24	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st H - L. & S.	18976	7	50	5	3	-	-	3	-	-	-	-	-	4	4	10
Lambeth Church 2nd WH - L. & S.	38539	33	25	3	11	-	2	-	-	-	-	-	-	1	1	1
Kennington 1st - S. & L.	45233	24	14	7	2	-	1	-	-	-	-	-	-	1	1	1
Kennington 2nd - S. & L.	35833	24	7	1	4	-	1	-	-	-	-	-	-	-	-	-
Brixton WH - L. & S.	62837	47	13	6	6	-	1	-	1	-	-	-	-	1	2	2
Norwood W - L.	19017	12	4	1	-	-	-	-	-	-	-	-	-	1	1	-
East Battersea - S.	54675	48	14	6	1	-	1	-	1	-	-	-	1	3	4	-
West Battersea WHH - S.	62387	52	23	6	7	-	-	1	-	-	-	-	-	1	4	2
Clapham H - S.	36800	22	16	6	6	-	-	-	-	-	-	-	1	1	1	1
Wandsworth WHL - S.	28004	13	8	-	4	-	-	-	-	-	-	-	-	-	-	-
Putney - S.	18235	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Streatham - L.	25533	19	6	1	2	-	1	-	1	-	-	-	-	-	-	1
Dulwich - L. & S.	5590	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Camberwell WHH* L. & S.	49104	38	35	7	11	-	1	-	1	5	1	-	-	-	2	14
Peckham W - S., L., & K.	71089	64	24	4	8	-	1	-	1	1	-	-	1	-	-	1
St. George Camberwell - L. & S.	60810	30	19	6	1	-	-	1	2	-	-	-	-	1	2	-
St. Paul Deptford WH - K.	76752	80	27	8	3	-	2	1	-	2	-	-	-	1	1	1
St. Nicholas Deptford - K.	7501	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
Greenwich West H - K.	21972	16	10	3	1	-	-	-	1	2	1	-	-	1	1	-
Greenwich East WHH - K.	24603	22	24	3	9	-	4	-	-	2	-	-	-	1	1	14
Eltham H - K.	5048	2	1	1	-	-	-	-	-	1	-	-	-	-	-	-
Lee H - K.	21559	12	5	1	1	-	3	-	-	-	-	-	-	-	-	-
Lewisham WH - K.	19855	28	8	1	2	-	-	1	-	-	-	-	-	1	1	2
Sydenham H - L.	36076	26	12	3	2	-	-	-	-	-	-	-	-	-	-	1
Charlton H - K.	10930	11	6	1	2	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard - K.	17617	11	4	1	1	-	-	1	-	-	-	-	-	-	-	1
Woolwich Arsenal HH - K.	19045	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead, West H - K.	14009	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Plumstead, East W - K.	19241	19	24	7	5	-	7	-	1	1	-	-	-	2	2	4
Metropolitan Asylum Hospitals:																
Dartford W -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill W -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaistow W -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:

Marylebone Infirmary in Kennington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse Hackney sub-district.
Holborn " Hoxton New Town sub-district.
Whitechapel " Mile End Old Town Eastern sub-district.
London City " Mile End Old Town Eastern sub-district.
" " and Bromley sub-district.
* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Bedford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 13th April, 1889.

Loca- tion District and Sub- District Num- bers.		REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
							Deaths of		Deaths from														
									Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoes.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of 1881.		
LONDON—OUTER RING							370,924	950,957	835	352	76	98	-	12	1	6	2	4	1	15	24	41	7
30: 1	Carshalton <i>wL</i> -	12228	21118	9	18	1	5	-	-	-	-	-	-	-	-	-	-	-	2	2	12	-	
2	Epsom (part of) * <i>WwH</i>	9971	10710	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of) * -	2754	1235	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHHL</i> -	20851	101241	65	27	5	6	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	
2	Mitcham <i>w†</i> -	11697	17982	13	8	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	32	10	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	
3	Esher (part of) * -	6601	9231	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	10	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2272	21302	7	8	-	5	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	
2	Mortlake -	2941	12331	16	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of) * <i>HH</i>	15669	31142	21	10	2	4	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
2	Chislehurst (pt. of) * <i>WHH</i>	14307	15844	14	9	3	3	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	
42: 1	Bexley <i>H</i> -	18437	24134	16	9	-	2	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of) * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i> -	11055	11685	2	5	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	5	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10802	5	3	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	6178	3225	6	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11323	4	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
126: 1	Isleworth <i>WHH</i> -	7008	22727	17	11	2	6	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	
2	Twickenham <i>H</i> -	2477	12479	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27449	25	12	5	2	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	
4	Chiswick -	1340	15975	15	10	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
5	Acton <i>wH</i> -	6085	22376	18	7	1	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H</i> -	13809	12796	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	35	14	5	5	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	
4	Hendon <i>W</i> -	8332	10484	3	2	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
127: 1	Bushey -	9331	6621	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of) * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	South Mimms -	15599	6391	9	4	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10992	6	3	1	2	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	
3	Finchley <i>HL</i> -	4683	17615	6	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	
135: 1	Hatfield (part of) * -	3306	833	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Hornsey <i>H</i> -	3039	37078	26	11	4	2	-	1	-	-	1	-	-	-	-	-	1	2	-	-	-	
2	Tottenham <i>H</i> -	4642	46456	80	13	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
3	Edmonton <i>Ww†</i> -	7433	23463	20	12	1	4	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	
4	Enfield <i>WH</i> -	12553	19104	30	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5363	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8489	7735	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
186: 1	Stratford -	882	38606	20	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	West Ham <i>wowwH‡</i> -	7351	101953	138	34	11	8	-	2	-	1	-	-	-	-	-	-	2	3	-	-	3	
3	Leyton <i>WwL</i> -	4372	32430	39	21	4	9	-	-	-	1	-	1	-	-	-	-	-	-	-	7	1	
4	Walthamstow <i>H</i> -	6520	23869	56	13	3	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
187: 1	Chigwell (part of) * <i>H</i>	11761	9633	5	9	1	2	-	3	-	-	-	-	-	-	-	-	1	2	-	-	-	
2	Epping (<i>W</i> , pt. of) * -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
189: 1	Romford (part of) * <i>W</i>	6730	3411	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	4	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	9	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislehead (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (non. 475); 189: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 187: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 13th April, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	17·1	2·0	1845	398	471	-	84	14	42	45	16	12	83	366		
INNER LONDON -	77,410	4,351,738	17·9	2·2	1493	322	373	-	72	13	36	43	12	11	68	325		
OUTER RING -	370,924	1,290,277	14·2	1·1	352	76	98	-	12	1	6	2	4	1	15	41		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,564,302 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	-	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	March 19	234	445	25·7	11	32	?	?	?	146	†23	
MADRAS -	398,777	" 1	261	385	50·2	2	34	?	?	?	77	†94	
PARIS -	2,260,945	April 6	1206	1021	23·5	3	52	2	38*	14	7	52	
BRUSSELS -	471,606	" 6	284	175	19·3	-	2	-	3	2	1	7	
with 8 Faubourgs.)													
AMSTERDAM -	390,016	" 6	302	167	21·7	-	9	1	4	2	-	-	
ROTTERDAM -	197,723	" 6	129	85	22·3	-	2	-	-	-	-	-	
THE HAGUE -	153,440	" 6	90	62	21·0	-	-	-	-	1	1	-	
COPENHAGEN -	307,000	March 30	220	145	24·6	-	1	-	6	2	?	7	
STOCKHOLM -	221,549	" 30	163	83	19·5	-	-	2	-	2	1	8	
CHRISTIANIA -	135,600	April 6	82	45	17·3	-	1	1	2	3	-	2	
ST. PETERSBURG	842,883	March 30	-	635	39·3	-	-	15	11	2	14	81	
BERLIN -	1,470,582	" 23	921	671	23·7	-	5	-	20	16	11	112	
HAMBURG(State)	550,694	" 30	444	287	27·2	-	1	1	10*	2	5	16	
DRESDEN -	264,196	" 30	148	104	20·5	?	-	1	7*	-	-	2	
BRESLAU -	313,451	April 6	212	176	29·4	-	1	-	7*	-	-	7	
MUNICH -	281,000	March 30	208	180	33·0	-	11	6	11*	1	-	19	
VIENNA -	811,434	" 30	613	422	27·0	1	2	5	5	4	2	19	
PRAGUE -	304,856	" 30	-	167	28·6	16	4	-	6	2	1	1	
BUDA-PESTH -	452,907	" 30	335	269	30·9	-	-	1	4	-	4	23	
TRIESTE -	158,084	" 30	-	78	25·7	1	-	-	-	-	-	1	
ROME -	401,044	February 23	304	239	31·0	3	7	-	8	1	†6	8	
TURIN (10 days)-	306,398	March 20	247	208	24·8	-	-	-	2	5	2	9	
VENICE -	153,375	" 30	100	81	27·6	2	4	-	1	4	-	5	
CAIRO -	374,838	" 21	399	319	44·4	5	1	-	3*	2	13	95	
ALEXANDRIA -	231,396	" 21	197	228	51·4	-	13	1	2*	1	11	55	
NEW YORK -	1,549,500	" 23	-	822	27·7	-	16	59	42	17	5	16	
BROOKLYN -	814,505	" 23	-	352	22·6	-	10	9	21	14	3	8	
PHILADELPHIA -	1,040,245	" 23	-	412	20·7	-	-	11	5	2	14	5	
BALTIMORE -	500,343	" 23	-	160	16·7	-	1	3	2	2	5	-	

* Including deaths from croup.

† Including 2 deaths from cholera in Bombay, and 15 in Madras.

‡ Including 4 deaths from malarial fever.

teach at the Royal Observatory, Greenwich, during the week ending Sunday, 10th April, 1889.

Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is 159 feet above the mean level of the sea; and correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are conveyed into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are +, -; positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.25 in. at the beginning of the week to 29.11 in. on the 9th. P.M. on the 8th; and increased to 29.55 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 16. 1889. VOL. L.] WEEK ENDING SATURDAY, APRIL 20. [Price 1½d.

General Register Office, Somerset House,
23rd April, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·4 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.		Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.
Birkenhead	15·8	17·8	13·7	14·2	Liverpool -	22·7	19·9	23·3	21·0
Birmingham	21·2	21·5	22·6	19·4	London -	17·7	18·8	17·9	17·1
Blackburn -	23·2	30·6	30·1	28·0	Manchester -	30·3	27·8	28·1	28·6
Bolton -	26·8	25·9	21·8	21·8	Newcastle-on-Tyne*	24·0	20·7	28·2	25·6
Bradford*	22·4	20·9	17·8	20·4	Norwich -	19·3	19·3	16·6	16·6
Brighton -	17·6	12·9	20·1	12·0	Nottingham -	18·9	17·8	20·2	19·7
Bristol -	19·6	19·3	17·1	18·7	Oldham -	25·7	26·4	25·3	24·6
Cardiff*	19·4	19·0	18·1	23·1	Plymouth -	27·4	18·0	20·0	26·0
Derby -	12·7	21·2	14·8	17·5	Portsmouth -	17·4	16·3	20·3	19·9
Halifax -	13·5	17·4	19·3	16·7	Preston -	28·0	30·0	31·0	37·6
Huddersfield	21·4	21·4	22·5	21·9	Salford*	20·3	20·7	17·6	24·1
Hull -	19·3	18·1	15·6	18·3	Sheffield -	21·8	24·9	21·8	19·3
Leeds -	22·6	23·9	24·5	23·6	Sunderland -	19·8	18·3	22·9	17·1
Leicester*	16·3	17·3	15·9	13·9	Wolverhampton -	19·6	22·8	13·9	17·1

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 2·8 in Huddersfield, 3·0 in Blackburn and in Preston, 3·6 in Bolton, and 4·0 in Manchester; from *scarlet fever*, 1·0 in Sheffield, and 1·7 in Blackburn; and from *whooping-cough*, 1·8 in Oldham, 1·9 in Cardiff, 2·0 in Nottingham, 3·5 in Preston, and 4·0 in Plymouth. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 42 deaths from *diphtheria* in these towns included 22 in London, 6 in Salford, 4 in Bolton, and 3 in Manchester. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2488 BIRTHS and 1426 DEATHS were registered. Allowing for increase of population, the births were 356, and the deaths 322, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·8 and 17·9 in the two preceding weeks, further declined last week to 17·1. During the first three weeks of the current quarter the death-rate averaged 17·9 per 1000, and was 3·7 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1426 deaths included 70 from measles, 10 from scarlet fever, 22 from diphtheria, 51 from whooping-cough, 6 from enteric fever, 10 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 169 deaths were referred to these diseases, being 69 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 19; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 56, 74, and 72 in the three preceding weeks, declined again last week to 70, but exceeded the corrected average by 8; 4 belonged to Westminster, 9 to Islington, 4 to Whitechapel, 4 to St. George Southwark, 4 to Bermondsey, and 9 (excluding 2 deaths referred to German measles) to Greenwich sanitary areas. The 10 fatal cases of *scarlet fever* showed a further decline from the numbers in recent weeks, and were 13 below the corrected average; 3 belonged to Islington sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 570 scarlet fever patients, against numbers ranging in the preceding twenty-two weeks between 980 and 569; 50 cases were admitted to these hospitals during the week, against 41, 47, and 56 in the three previous weeks. The deaths from *diphtheria*, which had been 18, 26, and 36 in the three preceding weeks, declined again last week to 22, but exceeded the corrected average by 6; 2 belonged to Marylebone, 2 to Whitechapel, 2 to Newington, and 2 to Lambeth sanitary areas. The fatal cases of *whooping-cough*, which had been 49 and 43 in the two previous weeks, rose last week to 51, but were 37 below the corrected average; 5 belonged to Pancras, 5 to Hackney, and 7 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 17 and 11 in the two previous weeks, further declined last week to 10, and were 6 below the corrected average.

The deaths referred to *enteric fever*, which had increased in the four preceding weeks from 4 to 10, declined again last week to 6, and were 5 below the corrected average. The Metropolitan Asylum Hospitals contained 30 cases of enteric fever, and 2 of typhus on Saturday last; no case either of enteric fever or of typhus was admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 364 and 294 in the two preceding weeks, were last week 299, and were 105 below the corrected weekly average.

Different forms of violence caused 57 deaths; 46 were the result of negligence or accident, among which were 18 from fractures and contusions, 7 from burns and scalds, 4 from drowning, and 12 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in the street; 1 by kick of horse; 2 by accidents on railways; 2 by fall from window; 1 by fall from landing stage; 1 by fall from ladder; 1 by fall while walking; 1 by fall into well of lift; 1 by fall in room; 1 by fall on fender; 1 by fall at birth; 1 by blow on head; and 2 by fractures, the cause of which was not stated. An inquest was held in each of these 18 cases except one of the last two. Ten cases of suicide were registered, corresponding with the corrected average.

GREATER LONDON.

In Greater London 3209 births and 1800 deaths were registered, corresponding to annual rates of 29·7 and 16·6 per 1000 of the estimated population. In the Outer Ring 11 deaths from whooping-cough, 10 from measles, and 6 from scarlet fever, were registered. Four fatal cases of measles and 4 of scarlet fever were recorded in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·83 ins.; the lowest reading was 29·55 ins. at the beginning of the week, and the highest, 30·06 ins. on Friday morning. The mean temperature of the *air* was 46°·5, and 1°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first four days of the week, but showed an excess on Thursday, Friday, and Saturday. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 11·3 miles per hour, which was 0·9 below the average in the corresponding weeks of 16 years. *Rain* fell on Sunday to the amount of 0·10 of an inch. The duration of registered bright sunshine in the week was 12·5 hours, against 19·5 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 20th April, 1889.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 TOWNS AND BOROUGHES.																										
CITIES AND BOROUGHES.	CITIES AND BOROUGHES.	Registered during the Week ending 20th Apr., 1889.				The DEATHS registered in the Week include													TEMPERATURE OF THE AIR.					RAINFALL.		
		BIRTHS.		DEATHS.	Infants under 1 Year of Age.	Deaths of Persons aged 1 Year and upwards.				Deaths from					Inquest Cases.				Deaths in Public Institutions.	(Unidentified Causes of Death.)	From All Causes.	From Diseases in Colic, &c.	Mean.		In Inches.	In Cent.
		1.	2.			3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.					16.	17.			18.	19.	20.	21.	22.	23.	24.
Cols.	Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS*	9,555,406	5667	3547	817	804	-	177	36	42	133	19	33	134	239	614	64	19.4	2.4	66.1	30.7	43.9	6.61	0.49	1.24	- 28 TOWNS.	
LONDON	4,351,738	2488	1426	299	368	-	70	10	22	51	6	10	57	111	315	16	17.1	2.0	66.1	32.6	46.5	8.11	0.10	0.25	LONDON.	
BRIGHTON	121,807	50	28	12	14	-	1	-	-	1	-	-	3	4	9	-	12.0	0.9	55.0	32.5	43.7	6.50	0.00	0.00	BRIGHTON.	
PORTSMOUTH	141,263	103	54	12	14	-	-	-	-	1	1	1	1	1	3	-	16.6	1.7	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	60	30	8	10	-	-	-	-	6	1	1	1	1	6	-	26.0	4.7	62.2	40.0	46.9	8.28	0.00	0.00	NORWICH.	
PLYMOUTH	78,225	55	39	6	11	-	-	-	-	1	1	1	1	7	8	17	1	18.7	1.1	61.5	34.2	45.9	7.72	0.07	0.18	PLYMOUTH.
BRISTOL	229,361	141	82	15	21	-	3	-	-	-	-	-	-	-	-	-	17.1	3.2	61.0	30.7	42.4	5.78	0.00	0.00	BRISTOL.	
WOLVERHAMPTON	82,544	51	27	6	6	-	1	-	1	1	-	2	-	1	4	-	17.1	3.2	61.0	30.7	42.4	5.78	0.00	0.00	WOLVERHAMPTON.	
BIRMINGHAM	454,835	282	169	47	45	-	3	2	-	8	2	1	6	10	27	4	19.4	1.8	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER	150,820	100	40	18	8	-	-	-	-	1	-	-	1	5	5	1	13.9	0.3	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	139	30	27	21	-	1	-	9	1	-	-	2	6	13	3	19.7	2.4	62.3	34.0	44.3	6.83	0.12	0.30	NOTTINGHAM.	
DERBY	98,629	49	33	7	10	-	-	-	1	-	-	-	1	2	6	1	17.5	0.5	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,511	53	28	7	2	-	-	-	-	3	-	-	-	2	4	3	14.2	1.5	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,662	314	244	55	85	-	10	4	1	9	2	3	10	10	44	8	21.0	2.5	56.0	35.9	44.9	7.17	0.12	0.30	LIVERPOOL.	
LONDON	114,670	65	43	12	14	-	8	-	4	-	-	3	-	1	4	-	21.8	6.8	-	-	-	-	-	-	LONDON.	
MANCHESTER	378,800	244	208	42	49	-	29	-	3	4	1	5	6	16	42	4	28.6	5.8	-	-	-	-	-	-	MANCHESTER.	
SALFORD	234,283	129	108	29	17	-	6	4	6	2	1	1	3	4	12	4	24.1	4.5	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	96	67	17	12	-	5	1	-	5	-	-	-	2	9	-	24.6	4.0	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,275	87	65	13	4	-	7	4	-	3	-	1	3	4	5	2	28.0	6.5	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,194	56	75	25	14	-	6	-	1	7	-	2	3	3	2	-	27.6	8.0	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	92,825	37	39	8	10	-	5	-	-	-	-	-	2	3	3	1	3	21.9	2.8	-	-	-	-	-	HUDDESFIELD.	
HAULFAX	81,080	44	26	6	11	-	-	-	-	-	-	-	1	3	3	3	16.7	1.3	-	-	-	-	-	-	HAULFAX.	
BRADFORD	235,056	126	92	29	15	-	-	-	1	-	7	1	-	7	12	10	3	20.4	2.0	58.2	33.8	43.7	6.50	0.05	0.13	BRADFORD.
LEEDS	337,449	215	162	35	31	-	11	1	1	1	1	-	-	4	9	15	5	23.6	2.2	-	-	-	-	-	LEEDS.	
SHEFFIELD	327,227	241	121	32	31	-	5	6	-	2	1	-	1	4	16	3	19.3	2.2	-	-	-	-	-	-	SHEFFIELD.	
HULL	208,017	135	73	16	15	-	5	-	-	1	2	-	2	-	13	1	18.3	2.5	65.0	31.0	44.4	6.89	0.03	0.03	HULL.	
SUNDERLAND	184,148	80	44	13	7	-	-	-	-	-	-	-	-	4	6	3	-	17.1	0.4	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE	160,988	123	79	19	13	-	2	-	-	-	-	-	-	3	3	11	3	25.6	1.9	57.0	36.0	38.6	2.56	0.00	0.00	NEWCASTLE.
CARDIFF	112,712	104	50	11	7	-	-	-	1	-	-	-	-	2	3	8	1	23.1	2.3	-	-	-	-	-	CARDIFF.	
EDINBURGH	266,900	135	103	19	22	-	1	2	4	-	1	2	1	2	21	24	20.1	1.6	61.5	33.5	47.1	8.39	0.06	0.15	EDINBURGH.	
GLASGOW	528,144	350	299	60	53	-	23	3	39	3	5	7	9	29	35	29.5	7.5	57.5	31.6	47.2	8.44	0.24	0.36	0.36	GLASGOW.	
DUBLIN	385,082	138	169	28	37	-	2	-	-	3	2	1	3	3	51	19	29.5	1.2	59.4	27.8	45.4	7.44	0.19	0.48	DUBLIN.	

* See note on first page of this Return.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the SIXTEENTH Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2703	2616	2397	2633	2607	2563	2541	2505	2879	2579	2843·7	2488
Males . .	1404	1334	1227	1357	1329	1310	1292	1257	1450	1289	1449·1	1301
Females .	1299	1282	1170	1326	1278	1258	1249	1248	1389	1290	1391·6	1187
TOTAL Deaths	1757	1417	1600	1573	1755	1649	1743	1460	1529	1551	1748·4	1456
Males . .	916	730	829	806	907	860	889	748	798	792	902·3	768
Females .	841	687	771	767	848	789	854	712	731	759	846·1	718

*The numbers in this column are the average weekly numbers in the sixteenth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.
TOTAL Births - -	2599	2662	2772	2511	2695	2609	2698	2699	2670	2803	2676	2509	2488
TOTAL Deaths - -	1620	1570	1460	1516	1567	1472	1637	1638	1554	1476	1572	1493	1426
Ages at Death													
{ 0–20 years -	709	714	650	655	666	681	695	719	666	642	729	671	670
{ 20–40 „ -	162	158	181	182	202	153	175	188	165	200	175	183	174
{ 40–60 „ -	280	270	243	279	278	254	309	298	274	274	287	266	214
{ 60–80 „ -	394	338	313	322	337	314	391	357	366	287	305	310	299
{ at 80 years & upwds. -	75	90	73	78	84	70	67	76	83	73	76	63	69
Under 1 year -	325	370	324	326	344	349	322	362	317	316	368	322	299
{ 1–5 -	281	250	233	247	238	257	277	249	216	212	261	251	279
{ 5–20 -	103	94	93	82	84	75	96	108	73	84	100	93	92
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
„ „ Measles -	33	71	56	43	70	67	76	60	84	56	74	72	70
„ „ Scarlet fever -	20	11	12	16	14	12	16	16	6	11	15	13	10
„ „ Diphtheria -	33	38	24	24	27	25	20	31	23	18	26	36	22
„ „ Whooping-cough -	24	38	33	31	31	31	29	37	42	51	49	43	51
„ „ Typhus -	-	-	-	-	1	1	-	-	-	-	-	1	-
„ „ Enteric fever -	10	10	5	13	8	6	4	6	4	8	9	10	6
„ „ Simple Cont ^d fever -	1	1	-	-	-	-	3	-	-	-	-	1	-
„ „ Diarrhœa and Dysentery -	24	13	18	10	16	18	15	14	18	9	17	11	10
„ „ Cholera -	-	-	-	1	-	-	-	2	-	-	-	-	-
„ „ all the above-mentioned Diseases -	195	182	148	138	167	160	163	166	177	153	190	187	169
„ „ Dis. of Respiratory System -	456	409	340	376	362	362	402	396	378	332	364	294	300
„ „ Phthisis -	152	138	140	158	156	127	161	162	139	153	170	152	128
„ „ Dis. of Circulatory System -	141	142	132	120	130	116	150	157	127	153	146	135	98
Violent Deaths - -	50	55	49	44	65	57	52	68	53	52	69	68	57
Inquest Cases - -	102	104	91	98	114	118	114	127	111	115	130	130	111
Deaths in Public Institutions	401	382	314	375	353	353	395	378	365	354	340	325	315
TEMPERATURE OF THE AIR													
Mean -	38·5	43·1	35·6	34·3	41·4	32·8	37·4	38·8	42·5	45·6	43·5	43·5	46·5
Mean of Highest readings -	43·3	49·4	41·9	40·9	47·3	37·7	46·3	46·8	50·3	54·6	51·8	50·4	55·3
Mean of Lowest readings -	33·6	36·5	30·2	27·1	36·2	29·8	28·9	31·2	35·7	38·6	37·4	38·6	39·8
Humidity of the Air - -	93	88	81	84	81	83	75	80	80	81	78	90	84
Rain-fall in inches - -	0·15	0·22	0·80	1·19	0·05	0·13	0·54	0·04	0·53	0·11	0·27	0·56	0·10
Registered Sunshine (in hours)	5·3	13·0	7·4	8·7	14·9	7·6	26·0	14·8	18·4	14·3	21·3	8·6	12·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIndoesborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Deaths from different Causes.

163

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 10th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 20th April 1889.								Corrected Averages for the 10th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 10th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 20th April 1889.							
		Deaths of Persons of the Ages											Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.				
ALL CAUSES - -	1748.4	1426	299	270	92	174	214	299	69	Diseases of Organs of Special Sense † - -	3.7	3	-	-	2	1	-	-	-	
Small-pox { Vaccinated † - -	19.0	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	122.0	93	1	1	7	13	27	41	8	
Unvaccinated - - -		-	-	-	-	-	-	-	-	Croup - - -	14.0	6	-	4	2	-	-	-	-	
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - -	234.1	160	33	33	3	1	13	65	11	
Measles - - -	61.7	70	17	43	5	-	-	-	-	Pneumonia - - -	113.2	104	24	32	4	13	16	13	2	
Scarlet Fever - - -	23.1	10	-	5	5	-	-	-	-	Pleurisy - - -	7.7	4	-	1	-	1	1	1	-	
Typhus - - -	0.8	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - -	35.3	26	4	9	2	-	4	5	2	
Relapsing Fever † - -	0.0	-	-	-	-	-	-	-	-	Dentition † - -	18.3	15	8	7	-	-	-	-	-	
Influenza - - -	0.1	-	-	-	-	-	-	-	-	Quinsy, Sore Throat † - -	2.6	3	1	2	-	-	-	-	-	
Whooping-cough - -	37.9	51	17	32	1	1	-	-	-	Enteritis - - -	6.8	8	3	2	-	-	2	1	-	
Diphtheria - - -	15.8	22	2	14	5	1	-	-	-	Peritonitis - - -	6.7	7	-	-	5	1	1	1	-	
Simple Continued and Ill-defined Fever - -	2.2	-	-	-	-	-	-	-	-	Diseases of Liver - - -	33.2	25	1	1	1	5	8	8	1	
Enteric Fever - - -	11.3	6	-	-	1	3	2	-	-	Other Diseases of Digestive System - - -	29.2	27	4	-	4	3	8	7	1	
Cholera - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	1.8	3	-	-	1	-	2	-	-	
Diarrhoea, Dysentery -	16.1	10	7	-	-	1	-	1	1	Diseases of Urinary System - - -	42.0	35	-	3	1	8	11	11	1	
Remittent Fever † - -	0.5	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	6.7	4	-	-	-	2	-	2	-	
Hydrophobia - - -	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	3.6	4	-	-	-	3	1	-	-	
Glanders - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	5.3	6	-	-	-	4	-	2	-	
Cowpox and Effects of Vaccination † - -	0.5	1	1	-	-	-	-	-	-	Diseases of Integumentary System - - -	6.9	6	3	-	-	1	-	1	1	
Veneral Affections -	8.8	10	5	1	-	1	2	1	-	VIOLENT DEATHS. §										
Erysipelas - - -	6.2	5	1	-	-	1	3	-	-	ACCIDENT.)										
Pyæmia and Septicæmia †	4.4	4	-	-	3	1	-	-	-	Fracture and Contusion - -	22.3	18	1	1	2	2	7	5	-	
Puerperal Fever - - -	6.9	3	-	-	3	-	-	-	-	Gunshot Wound - - -	0.1	-	-	-	-	-	-	-	-	
Other Zymotic Diseases †	1.5	3	1	1	-	-	1	-	-	Cut, Stab - - -	0.3	-	-	-	-	-	-	-	-	
Thrush - - -	1.7	1	1	-	-	-	-	-	-	Burn and Scald - - -	6.1	7	-	2	-	1	1	2	1	
Worms and other Parasitical Diseases - - -	0.2	1	-	-	1	-	-	-	-	Poison - - -	1.6	1	1	-	-	-	-	-	-	
Starvation, Want of Breast-milk † - -	2.6	4	4	-	-	-	-	-	-	Drowning - - -	4.7	4	-	-	1	3	-	-	-	
Alcoholism - - -	4.1	10	-	-	-	2	7	1	-	Suffocation - - -	13.6	14	12	-	1	-	1	-	-	
Rheumatic Fever, Rheumatism of Heart †	7.2	5	-	-	2	1	2	-	-	Otherwise - - -	2.9	2	-	-	1	-	-	-	-	
Rheumatism † - - -	2.6	2	-	-	-	-	2	-	-	(HOMICIDE.)										
Gout - - -	3.2	3	-	-	-	-	1	1	1	Murder & Manslaughter - -	1.5	1	-	-	-	1	-	-	-	
Rickets † - - -	4.0	5	-	5	-	-	-	-	-	(SUICIDE.)										
Cancer - - -	52.9	56	-	-	2	8	21	24	1	Gunshot Wound - - -	1.0	2	-	-	-	-	1	1	-	
Tabes Mesenterica - -	25.2	20	9	7	2	2	-	-	-	Cut, Stab - - -	2.1	3	-	-	-	2	1	-	-	
Tubercular Meningitis -	31.4	34	6	20	5	3	-	-	-	Poison - - -	2.0	3	-	-	-	1	1	-	-	
Phthisis - - -	179.0	128	2	7	7	63	33	8	-	Drowning - - -	1.3	2	-	-	-	1	1	-	-	
Scrophula, Tuberculosis -	18.1	19	4	10	2	1	-	2	-	Hanging - - -	2.3	-	-	-	-	-	-	-	-	
Other Constitutional Diseases † - - -	12.0	12	-	-	2	1	8	5	1	Otherwise - - -	0.8	-	-	-	-	-	-	-	-	
Premature Birth - - -	37.5	39	39	-	-	-	-	-	-	(EXECUTION.)										
Atelectasis † - - -	2.9	3	3	-	-	-	-	-	-	Hanging - - -	0.0	-	-	-	-	-	-	-	-	
Congenital Malformations - - -	8.7	7	6	-	-	1	-	-	-	OTHER CAUSES † - -	59.0	40	34	3	-	-	1	1	1	
Old Age - - -	53.0	59	-	-	-	-	-	23	81											
Apoplexy - - -	45.7	41	-	-	-	4	13	21	3											
Epilepsy - - -	8.4	9	-	-	1	1	1	6	-											
Convulsions - - -	57.1	33	33	5	-	-	-	-	-											
Other Diseases of Brain and Nervous System †	99.7	91	11	23	10	6	16	26	2											

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths from													
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes
LONDON	3,815,704	2488	1426	299	368	-	70	10	22	51	-	6	-	10	57	111	315
West Districts	664,633	357	251	45	74	-	13	1	1	8	-	1	-	1	13	19	63
North Districts	905,947	572	318	63	87	-	13	5	4	15	-	2	-	1	12	21	72
Central Districts	282,238	138	104	22	27	-	4	-	2	4	-	-	-	1	5	12	32
East Districts	692,738	495	254	49	68	-	6	1	4	2	-	1	-	2	13	38	67
South Districts	1,265,148	926	499	120	112	-	84	5	11	25	-	2	-	5	14	21	81
METROPOLITAN ASYLUM POS- PITALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Districts.																	
St. Mary Paddington WHH G.J. & W.M.	69838	51	21	1	7	-	-	-	-	-	-	-	-	-	-	1	6
St. John Paddington H - - G.J.	37330	11	17	2	4	-	-	-	-	-	-	-	-	-	2	2	10
Kensington Town Ww - - W.M.	120141	41	40	5	18	-	-	-	1	-	-	1	-	-	1	1	19
Brompton H - - W.M. & C.	43010	14	15	2	5	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.	7599	6	4	2	1	-	-	-	-	-	-	-	-	-	-	1	1
St. Paul Hammersmith H W.M. & G.J.	64340	50	25	6	8	-	1	-	1	-	-	-	-	1	2	3	4
Fulham Ww - - W.M. & C.	42900	68	29	8	7	-	-	-	-	-	-	-	-	-	1	1	4
Chelsea South HHH - - C.	6396	14	9	-	2	-	-	-	-	1	-	-	-	-	-	1	6
Chelsea North-west WHHHH C.	24925	15	15	2	4	-	2	-	-	-	-	-	-	-	1	1	-
Chelsea North-east - - C.	32807	15	13	5	2	-	-	-	-	-	-	-	-	-	1	2	-
May Fair WW - - G.J.	80353	5	11	1	7	-	1	-	-	-	-	-	-	-	2	2	5
Belgrave WHH - - C.	59220	22	20	3	4	-	1	-	-	-	-	-	-	-	1	1	6
St. John Westminster HHH - C.	35496	22	12	3	2	-	1	-	-	1	-	-	-	-	-	-	1
St. Margaret Westminster H - C.	24679	9	8	2	1	-	3	-	-	2	-	-	-	-	-	-	1
St. James Westminster WHH N.R. & G.J.	29941	11	7	1	2	-	2	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHHH - N.R.	16603	3	5	2	-	-	2	-	-	-	-	-	-	-	-	-	-
North Districts.																	
All Souls Marylebone HHHH - W.M.	26759	9	10	-	3	-	-	-	-	-	-	-	-	-	2	2	9
Cavendish Square HHHH - W.M.	14381	3	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2
Rectory Marylebone WHH G.J. & W.M.	24909	16	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH G.J. & W.M.	21118	20	5	1	-	-	-	-	1	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.	33700	26	6	-	2	-	-	-	-	-	-	-	-	-	-	2	-
St. John Marylebone H - W.M.	33633	13	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead WwHHH N.R. & W.M.	45452	27	11	1	7	-	-	-	-	2	-	-	-	-	1	-	1
Regent's Park Panera H - W.M.	39115	22	9	2	3	-	-	-	-	1	-	1	-	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.	27729	9	17	2	9	-	2	-	1	1	-	1	-	-	1	2	8
Gray's Inn Lane HHH - N.R.	30247	11	14	2	1	-	-	-	-	-	-	-	-	-	-	1	4
Somers Town H - N.R.	34369	23	14	4	1	-	1	-	-	1	-	-	-	-	1	2	1
Camden Town WH - N.R.	17311	14	16	1	8	-	-	-	-	-	-	-	-	-	2	2	13
Kentish Town W - N.R.	87487	46	30	2	7	-	-	-	-	2	-	1	-	-	1	3	3
Upper Holloway WwWH - N.R.	67946	48	45	6	14	-	5	3	-	2	-	-	-	-	-	-	18
Islington South-west HH - N.R.	106976	56	35	12	9	-	4	-	-	1	-	-	-	1	-	-	-
Islington South-east - N.R.	61825	38	16	4	5	-	-	-	-	-	-	-	-	-	-	1	-
Highbury H - N.R.	62048	32	12	2	3	-	-	-	-	-	-	-	-	-	2	3	-
Stoke Newington H - N.R.	22781	26	6	3	1	-	-	-	-	1	-	-	-	-	-	-	-
Stamford Hill - E.L.	9277	12	2	1	2	-	-	-	-	1	-	-	-	-	-	-	-
West Hackney H - N.R.	37610	31	11	3	2	-	1	-	1	-	-	-	-	-	-	2	-
Hackney WwWH - E.L. & N.R.	76911	55	35	11	8	-	-	-	-	1	-	-	-	-	1	1	11
South Hackney - E.L.	39833	26	9	1	3	-	-	-	-	2	-	-	-	-	-	1	-
Central Districts.																	
St. George Bloomsbury - N.R.	16681	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - N.R.	14864	4	9	-	5	-	2	-	-	-	-	-	-	1	1	3	3
St. Giles North - N.R.	13837	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.	17606	1	8	3	2	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary-le-Strand H - N.R.	7515	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - N.R.	8559	1	6	-	1	-	-	-	-	1	-	-	-	-	1	2	2
Strand Union Workhouse, Edmonton w.	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3
St. Geo.-the-Martyr HHHHHH N.R.	18671	13	5	-	1	-	-	-	-	-	-	-	-	-	-	-	5
St. Andrew Eastern W - N.R.	10706	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Saffron Hill H - N.R.	6538	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - N.R.	17516	14	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - N.R.	19281	7	6	1	-	-	1	-	-	2	-	-	-	-	-	-	-
Pentonville - N.R.	14773	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goosewell-street - N.R.	17508	11	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - N.R.	11541	5	4	2	1	-	-	-	-	1	-	-	-	-	-	-	-
City-road HHL - N.R.	18628	29	13	5	2	-	-	-	-	-	-	-	-	-	-	1	2
Whitecross-street - N.R.	9217	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flusbury - N.R.	7468	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham; w.	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
St. Botolph H - N.R. & E.L.	11174	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - N.R.	7198	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - N.R.	6583	-	12	-	2	-	-	-	1	-	-	-	-	-	3	3	12
St. Bride W - N.R.	3396	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Albhallows Barking - N.R.	13666	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - N.R.	3662	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT

The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total BIRTHS.	Total DEATHS.	Deaths of														
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
EAST DISTRICTS.																		
olywell Shoreditch	N.R. & E.L.	7376	6	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Leonard Shoreditch	HL*	14967	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
oxton New Town	w	26687	20	15	1	7	-	-	-	-	-	-	-	-	-	-	-	-
oxton Old Town	-	23636	20	8	1	7	-	-	-	-	-	-	-	-	-	-	-	-
aggerston	WH	46275	41	23	2	9	-	1	1	-	-	-	-	-	-	-	-	-
ekney-road	H	29738	21	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-
reen, Bethnal Green	WHL*	47932	44	25	4	9	-	-	-	-	-	-	-	-	-	-	-	-
urch, Bethnal Green	-	29981	20	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
own, Bethnal Green	-	19810	13	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-
ialfields	-	22585	18	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-
ile End New Town	W	15473	18	9	-	5	-	-	-	-	-	-	-	-	-	-	-	-
hitechapel Church	H	17490	11	24	5	2	-	2	-	-	-	-	-	-	-	-	-	-
oodman's Fields	-	9713	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	-	6102	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
t. George's, North	-	38747	27	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-
t. John, St. George East	W	8410	7	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-
adwell	HH	16995	9	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-
atcliff	-	16107	16	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
imehouse	-	32041	19	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-
ile End Old Town West	-	37960	25	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-
ile End Old Town East	WwH	67553	44	10	2	2	-	-	1	-	-	1	-	-	-	-	-	-
ow	-	37074	24	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-
romley	WwH	64859	44	30	3	9	-	1	-	2	-	-	-	-	-	-	-	-
oplar	WwH	55077	41	16	1	5	-	-	-	1	-	-	-	-	-	-	-	-
SOUTH DISTRICTS.																		
ristchurch Southwark	WH	13663	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
t. Saviour Southwark	-	14999	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ent-road	-	21881	14	8	2	1	-	3	-	-	-	-	-	-	-	-	-	-
orough-road	WH	15953	10	3	2	1	-	1	-	1	-	-	-	-	-	-	-	-
ondon-road	HL	21318	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
inity Newington	-	35722	12	14	3	2	-	-	1	1	-	-	-	-	-	-	-	-
t. Peter Walworth	W	49555	41	31	12	9	-	1	-	1	-	-	-	-	-	-	-	-
t. Mary Newington	-	21623	17	13	6	2	-	1	1	1	-	-	-	-	-	-	-	-
t. Olive	WH	11956	8	16	3	1	-	1	-	1	-	-	-	-	-	-	-	-
ather Market	-	16300	9	9	4	1	-	1	-	-	-	-	-	-	-	-	-	-
t. Mary Magdalen	W	16869	11	3	1	3	-	2	1	1	-	-	-	-	-	-	-	-
t. James Bermondsey	-	54682	49	15	6	2	-	-	-	2	-	-	-	-	-	-	-	-
otherhithe	WH	36024	29	9	2	3	-	-	-	2	-	1	-	-	-	-	-	-
Waterloo-road 1st	H	15195	10	6	-	2	-	-	-	1	-	-	-	-	-	-	-	-
Waterloo-road 2nd	H	16351	17	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st	H	19876	12	12	1	1	-	-	1	1	-	-	-	-	-	-	-	-
ambeth Church 2nd	Ww	39859	23	32	6	10	-	4	-	1	-	-	-	-	-	-	-	-
enington 1st	-	45232	24	7	2	4	-	-	-	1	-	-	-	-	-	-	-	-
enington 2nd	-	35332	22	10	2	4	-	-	-	1	-	-	-	-	-	-	-	-
rixton	w	62837	47	20	3	7	-	-	1	-	-	-	-	-	-	-	-	-
orwood	W	19017	14	9	3	4	-	-	-	-	-	-	-	-	-	-	-	-
est Battersea	-	54675	58	14	4	1	-	-	-	1	-	-	-	-	-	-	-	-
est Battersea	WwH	52587	42	19	4	3	-	1	-	-	-	-	-	-	-	-	-	-
ubham	H	36640	30	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-
andsworth	WHL	28004	23	12	1	3	-	1	-	-	-	-	-	-	-	-	-	-
stney	-	13235	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
reatham	-	25553	17	6	3	1	-	-	-	1	-	-	-	-	-	-	-	-
ulwich	-	5590	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
umberwell	WwL*L*	29104	47	35	5	10	-	1	-	-	-	1	-	-	-	-	-	-
richam	W	71089	60	20	5	4	-	2	1	-	1	-	-	-	-	-	-	-
t. George Camberwell	-	50810	49	16	7	2	-	2	-	1	3	-	-	-	-	-	-	-
t. Paul Deptford	w	76752	65	35	7	6	-	5	-	-	-	-	-	-	-	-	-	-
t. Nicholas Deptford	-	7901	1	4	2	-	-	1	-	-	-	-	-	-	-	-	-	-
reenwich West	H	21972	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
reenwich East	WHH	24603	19	24	7	4	-	4	-	-	2	-	-	-	-	-	-	-
atham	H	8048	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
se	H	21559	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
winham	WH	19866	16	7	1	3	-	-	1	-	1	-	-	-	-	-	-	-
endenham	H	26076	20	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-
arlton	H	10980	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	-	17617	12	10	-	1	-	2	-	1	-	-	-	-	-	-	-	-
oolwich Arsenal	HH	19048	13	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-
umstead, West	H	14009	13	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
umstead, East	W	19241	27	17	4	3	-	2	-	1	-	-	-	-	-	-	-	-
Metropolitan Asylum Hospitals:																		
Dartford	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaistow	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Poor & Stagnacy Sick Asylum " "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
" " " Mile End Old Town Eastern sub-dist.	ney, Brixton, and St. Paul, Deptford, Greenwich, and in Dartford,
London City " " " Mile End Old Town Eastern sub-dist.	Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paucity are retained.

Area, Population, Births, Deaths, &c. in Outer Ring.

TABLE 6.—LONDON.—OUTER RING.—AREA ; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 20th April, 1889.

Regis- tration District and Sub- District Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include																
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.		
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING						370,924	950,957	721	374	85	103	-	10	6	2	11	3	5	9	21	32	2
30: 1	Carshalton <i>to L</i>	12228	21113	9	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
2	Epsom (<i>part of</i>) * <i>W & H</i>	9971	10710	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (<i>part of</i>) *	2754	1235	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	5	9	-
38: 1	Croydon <i>W & H L</i>	20351	101241	68	34	6	13	-	1	-	-	2	-	-	-	-	-	-	2	5	-	-
2	Mitcham <i>to</i> †	11697	17932	9	4	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
39: 1	Wimbledon <i>H H H</i>	3290	15950	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
2	Kingston <i>W H H</i>	8549	36354	27	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Esher (<i>part of</i>) *	6601	9221	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i>	4573	19539	6	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond <i>W H</i>	2272	21302	21	7	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-
2	Mortlake	2941	12331	8	9	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
41: 1	Bromley (<i>pt. of</i>) * <i>H H</i>	15669	31142	25	9	2	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
2	Chislehurst (<i>pt. of</i>) * <i>W H H</i>	14307	15844	3	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42: 1	Bexley <i>H</i>	18437	24134	15	6	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
2	Dartford (<i>W & pts. of</i>) *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury <i>to</i>	11055	11635	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Staines <i>W</i>	13277	12089	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
125: 1	Hillingdon <i>W H H</i>	6029	10802	9	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
2	Uxbridge	6173	3225	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>to H L</i>	14537	11523	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
126: 1	Isleworth <i>W H H</i>	7003	22727	6	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham <i>H</i>	2477	12479	11	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
3	Brentford <i>H L</i>	4345	27649	27	9	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
4	Chiswick	1340	15975	17	4	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
5	Acton <i>to H</i>	6083	22376	14	9	1	2	-	1	-	-	-	-	1	-	-	-	-	1	1	-	-
127: 1	Harrow <i>H</i>	13809	12796	7	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Edgware <i>H</i>	6994	3749	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	27453	20	13	3	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
4	Hendon <i>W</i>	8382	10494	1	6	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
137: 1	Bushey	9331	6621	5	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138: 1	South Mimms	15599	6391	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
2	Barnet	5483	10092	3	7	1	2	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-
3	Finchley <i>H L</i>	4638	17615	11	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
135: 1	Hatfield (<i>part of</i>) *	3206	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey <i>H</i>	3039	37078	22	7	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i>	4542	46456	64	20	8	11	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-
3	Edmonton <i>W &</i> †	7483	23463	15	12	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Enfield <i>W H</i>	12653	19104	24	2	-	-	-	-	-	-	-	-	-	1	-	-	-	3	4	-	-
5	Waltham Abbey	11017	5963	2	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	8490	7735	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186: 1	Stratford	882	38006	31	13	-	4	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
2	West Ham <i>to W & H S</i>	7351	101053	74	45	10	5	-	4	4	1	1	1	-	-	-	-	-	-	1	-	-
3	Leyton <i>W & L</i>	4372	32430	24	23	6	9	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
4	Walthamstow <i>H</i>	6520	23889	30	10	4	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
187: 1	Chigwell (<i>part of</i>) * <i>H</i>	11761	9639	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Epping (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189: 1	Romford (<i>part of</i>) * <i>W</i>	6730	3411	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	8493	7645	8	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town	4127	9203	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:— 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th April, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	16·6	1·9	1800	384	471	-	80	16	24	62	9	15	66	347	
INNER LONDON -	77,410	4,351,738	17·1	2·0	1426	299	368	-	70	10	22	51	6	10	57	313	
OUTER RING -	370,924	1,290,277	15·1	1·3	374	85	103	-	10	6	2	11	3	5	9	32	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,564,302 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	-	-	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	March 26	245	454	26·0	22	40	?	?	?	133	30†	
MADRAS -	398,777	" 8	329	366	47·7	2	41	?	?	?	93	54†	
PARIS -	2,260,945	April 13	1317	1010	23·2	4	31	4	43*	12	12	49	
BRUSSELS -	471,606	" 13	287	191	21·1	-	1	-	-	1	1	15	
with 8 Faubourgs.)													
AMSTERDAM -	390,016	" 13	280	195	25·4	-	5	-	2	4	-	-	
ROTTERDAM -	197,723	" 13	143	76	19·9	-	2	-	-	-	-	1	
THE HAGUE -	153,440	" 13		49	16·6	-	-	-	-	-	-	-	
COPENHAGEN -	307,000	" 6	215	130	22·1	-	-	-	3	7	-	4	
STOCKHOLM -	221,540	" 6	143	83	18·9	-	-	2	2*	-	-	8	
CHRISTIANIA -	135,600	" 13	64	54	20·7	-	-	1	6*	-	-	2	
ST. PETERSBURG	842,883	" 6	-	644	39·9	-	1	12	5	3	23	103	
BERLIN -	1,470,582	March 30	901	816	28·8	-	1	4	15	11	7	217	
HAMBURG (State)	550,694	April 6	414	259	24·5	-	-	1	11*	3	5	10	
DRESDEN -	264,196	" 6	144	119	23·8	?	-	1	7*	?	-	5	
BRISLAU -	313,451	" 13	232	191	31·9	-	2	-	9*	1	1	5	
MUNICH -	281,000	" 6	198*	177	32·3	-	5	-	5*	-	-	17	
VIENNA -	811,434	" 6	511	424	27·2	-	11	5	4	-	2	23	
PRAGUE -	304,856	" 6	-	180	30·9	8	1	2	7	2	-	2	
BUDA-PESTH -	452,907	" 6	337	255	29·3	-	1	-	5	1	7	14	
TRIESTE -	158,084	" 6	-	89	29·3	-	-	-	-	1	1	2	
ROME -	401,044	March 2	256	243	31·5	1	5	-	6	1	4†	14	
TURIN (11 days)-	306,393	" 31	-	-	-	-	-	-	-	-	-	-	
VENICE -	153,375	April 6	83	82	27·9	-	5	-	-	-	-	11	
CAIRO -	374,338	March 28	400	324	45·1	2	3	-	2*	3	25	98	
ALEXANDRIA -	231,396	" 28	215	233	52·5	1	19	2	-	-	13	55	
NEW YORK -	1,549,500	" 30	-	860	29·0	-	13	57	47	14	5	10	
BROOKLYN -	814,505	" 30	-	390	25·0	-	8	10	29	10	-	6	
PHILADELPHIA -	1,040,245	" 30	-	389	19·5	-	1	10	9	2	18	4	
BALTIMORE -	500,343	" 30	-	156	16·3	-	-	5	4	-	4	3	

* Including deaths from croup.

† Including 3 deaths from cholera in Bombay, and 3 in Madras.

‡ Including 3 deaths from malarial fever.

1889.

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine, in hours.	Sum short Horizon, in hours.
SUNDAY 14		0'0	13'7
MONDAY 15		1'0	13'8
TUESDAY 16		0'8	13'9
WEDNESDAY 17	The electrometer was not in action throughout the week.	0'0	13'9
THURSDAY 18		1'3	14'0
FRIDAY 19		7'0	14'1
SATURDAY 20		2'4	14'1
		Sum 12'5	Sum 97'5

The height of the cistern of the barometer is 153 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868; and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Office Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29'55 in. at the beginning of the week to 30'06 in. by 10h. A.M. on the 19th; and decreased to 29'50 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 17. 1889. VOL. L.]

WEEK ENDING SATURDAY, APRIL 27.

[Price 1½d.]

General Register Office, Somerset House,
29th April, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.		Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.
Birkenhead	17·8	13·7	14·2	18·8	Liverpool -	19·9	23·3	21·0	19·6
Birmingham	21·5	22·6	19·4	18·7	London -	18·8	17·9	17·1	17·6
Blackburn -	30·6	30·1	28·0	23·2	Manchester -	27·8	28·1	28·6	28·5
Bolton -	25·9	21·8	21·8	20·0	Newcastle-on-Tyne*	20·7	28·2	25·6	25·3
Bradford*	20·9	17·8	20·4	18·4	Norwich -	19·3	16·6	16·6	27·1
Brighton -	12·9	20·1	12·0	12·4	Nottingham -	17·8	20·2	19·7	15·8
Bristol -	19·3	17·1	18·7	18·0	Oldham -	26·4	25·3	24·6	19·4
Cardiff*	19·0	18·1	23·1	17·6	Plymouth -	18·0	20·0	26·0	30·0
Derby -	21·2	14·8	17·5	15·4	Portsmouth -	16·3	20·3	19·9	16·3
Halifax -	17·4	19·3	16·7	22·5	Preston -	30·0	31·0	37·6	38·6
Huddersfield	21·4	22·5	21·9	24·2	Salford* -	20·7	17·6	24·1	19·8
Hull -	18·1	15·6	18·3	24·6	Sheffield -	24·9	21·8	19·3	19·1
Leeds -	23·9	24·5	23·6	27·2	Sunderland -	18·3	22·9	17·1	14·0
Leicester*	17·3	15·9	13·9	16·3	Wolverhampton -	22·8	13·9	17·1	25·9

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·7 in Norwich, 1·8 in Hull, 1·9 in Leeds and in Halifax, 2·7 in Bolton, 3·5 in Preston, and 3·9 in Manchester and in Huddersfield; from *scarlet fever*, 4·0 Plymouth; from *whooping-cough*, 1·5 in Portsmouth and in Birkenhead, 1·6 in Newcastle-upon-Tyne, 1·9 in Cardiff, 2·7 in Plymouth, 2·9 in Oldham, and 7·5 in Preston; and from "*fever*," 1·0 in Preston. The 43 deaths from *diphtheria* in these towns included 29 in London, 3 in Manchester, 3 in Birmingham, 2 in Plymouth, and 2 in Preston. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2522 BIRTHS and 1463 DEATHS were registered. Allowing for increase of population, the births were 314, and the deaths 223, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·8, 17·9, and 17·1 in the three preceding weeks, was last week 17·6. During the first four weeks of the current quarter the death-rate averaged 17·9 per 1000, and was 3·4 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1463 deaths included 65 from measles, 9 from scarlet fever, 29 from diphtheria, 56 from whooping-cough, 3 from enteric fever, 1 from an ill-defined

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

form of continued fever, 18 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 181 deaths were referred to these diseases, being 55 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The death of a child aged 2 years, in Pancras sanitary area, was attributed to "chicken-pox, 15 days, meningitis." The deaths from *measles*, which had been 74, 72, and 70 in the three preceding weeks, further declined last week to 65, and were one below the corrected average; 4 belonged to St. George Hanover Square, 4 to Westminster, 6 to Islington, 6 to Bethnal Green, and 10 to Greenwich sanitary areas. The fatal cases of *scarlet fever* which had been 15, 13, and 10 in the three previous weeks further declined last week to 9, and were 14 below the corrected average. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 581 scarlet fever patients, against 580, 572, and 570 on the three preceding Saturdays; 53 cases were admitted to these hospitals during the week, against 56 and 50 in the two previous weeks. The deaths from *diphtheria*, which had been 36 and 22 in the two preceding weeks, rose again last week to 29, and exceeded the corrected average by 11; 2 belonged to Paddington, 3 to Kensington, 2 to Fulham, 3 to Hackney (including 2 hospital cases admitted from Rectory Road, Stoke Newington), 2 to Holborn, 2 to Shoreditch, 2 to Lambeth, 2 to Battersea, and 2 to Wandsworth sanitary areas. The fatal cases of *whooping-cough* showed a further increase upon the low numbers in recent weeks, but were 29 below the corrected average; 4 belonged to Pancras, 6 to Islington, 4 to Bethnal Green, 5 to Bermondsey, 4 to Camberwell, and 4 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 11 and 10 in the two previous weeks, rose last week to 18, and exceeded the corrected average by 3; 11 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 10 and 6 in the two preceding weeks, further declined last week to 3, and were 7 below the corrected average. One belonged to Lambeth sanitary area, while two were hospital cases admitted from Acton and Slough, both situated outside Registration London. The Metropolitan Asylum Hospitals contained 19 cases of enteric fever, and 2 of typhus on Saturday last; 2 cases of enteric fever, and not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 294 and 300 in the two preceding weeks, further rose last week to 305, but were 78 below the corrected weekly average.

Different forms of violence caused 69 deaths; 63 were the result of negligence or accident, among which were 23 from fractures and contusions, 5 from burns and scalds, 2 from drowning, 3 from poison, and 26 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the street; 1 by fall from horse; 4 by fall down stairs or steps; 1 by fall from window; 2 by fall from roof; 1 by fall from swing; 1 by fall down lift-hole; 2 by fall in street; 1 by fall on board ship; 1 by fall, the nature of which was not stated; 1 by fall of debris from gas explosion; 2 by injury from machinery; and 2 by fractures, the cause of which was not stated. An inquest was held in each of these cases except the last two. Three cases of suicide were registered, being 8 below the corrected average.

GREATER LONDON.

In Greater London 3304 births and 1856 deaths were registered, corresponding to annual rates of 30·6 and 17·2 per 1000 of the estimated population. In the Outer Ring 13 deaths from measles were registered, including 3 in Bexley and 3 in Acton sub-districts. Two deaths were referred to "fever" in Croydon sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·62 ins.; the lowest reading was 29·28 ins. on Wednesday morning, and the highest 29·85 ins. on Friday morning. The mean temperature of the *air* was 47°·5, and 0°·9 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Monday, Friday, and Saturday, while it was below the average on each of the other days of the week. The general direction of the *wind* was S. W. *Rain* fell on six days of the week, to the aggregate amount of 0·75 of an inch. The duration of registered bright sunshine in the week was 31·3 hours, against 34·7 hours at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 GREAT TOWNS, during the week ending 24th April, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.		Registered during the Week ending 27th Apr. 1889.		Deaths of Persons aged 60 Years and upwards.		Deaths from								Inquest Cases.		Annual Rate per 1000, corresponding to the Week's Deaths		TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.		
	1.	2.	3.	4.	5.	6.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Deaths in Public Institutions.	Causes of Death.	From All Causes.	Diseases in Colds, &c.	Fahrenheit.		Mean.	Centigrade.	In Inches.	In Centi- metres.			
																			Highst.	Lowest.							
The DEATHS registered in the Week include																											
Cols.																											
28 TOWNS*	9,555,406	5719	3567	868	753	-	178	38	43	142	24	36	137	253	576	68	19.5	2.5	64.5	33.1	45.7	7.61	0.51	1.30	-	28 TOWNS.	
LONDON	4,351,738	2522	1403	361	327	-	65	9	29	56	4	18	69	116	331	18	17.6	2.2	64.5	35.1	47.5	8.61	0.75	1.90	-	LONDON.	
BRIGHTON	121,807	67	29	6	6	-	3	-	1	1	-	1	1	2	3	2	12.4	2.6	55.0	37.0	45.2	7.33	0.86	2.18	-	BRIGHTON.	
PORTSMOUTH	141,253	90	44	8	7	-	-	-	1	4	-	-	4	5	6	1	16.3	1.8	-	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	58	49	17	16	-	3	-	-	-	-	-	-	5	4	1	27.1	1.7	-	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	78,225	47	45	13	12	-	1	6	2	4	1	-	3	5	4	2	30.0	9.3	59.0	38.0	47.3	8.50	0.60	1.52	-	PLYMOUTH.	
BRISTOL	229,361	122	79	16	22	-	4	1	-	1	-	-	4	6	19	2	18.0	1.4	57.0	33.4	45.8	7.67	0.57	1.45	-	BRISTOL.	
WOLVERHAMPTON	82,544	54	41	14	4	-	-	-	-	1	-	-	4	7	10	-	25.9	0.6	57.3	33.1	43.3	6.28	0.74	1.88	-	WOLVERHAMPTON.	
BIRMINGHAM	454,835	280	163	50	25	-	7	-	3	9	-	-	7	17	16	4	18.7	2.2	-	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER*	150,620	102	47	16	13	-	-	-	-	1	1	3	1	7	4	1	16.3	1.7	-	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	116	72	25	11	-	-	-	-	5	1	1	1	3	8	7	15.8	1.5	58.8	34.3	45.3	7.39	0.59	1.50	-	NOTTINGHAM.	
DERBY	98,629	58	29	11	3	-	-	-	-	-	-	-	-	3	3	1	15.4	0.0	-	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,511	61	37	7	12	-	1	-	-	3	-	-	1	3	5	1	18.8	2.0	-	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,562	373	223	43	43	-	8	7	-	7	4	2	14	16	42	13	19.6	2.4	57.0	36.0	45.4	7.44	0.52	1.32	-	LIVERPOOL.	
BOLTON	114,670	91	44	13	7	-	6	-	1	-	-	1	1	2	2	2	20.0	3.6	-	-	-	-	-	-	-	BOLTON.	
MANCHESTER	378,800	267	207	39	30	-	28	3	3	6	2	2	6	12	31	5	23.5	6.1	-	-	-	-	-	-	-	MANCHESTER.	
SALFORD*	234,283	144	89	23	13	-	4	3	-	-	1	1	2	4	4	3	19.8	2.0	-	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	79	53	15	10	-	1	-	-	8	2	-	2	4	2	2	19.4	4.0	-	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,275	67	54	16	8	-	2	1	-	2	-	3	-	1	3	2	23.2	3.4	-	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,194	95	77	19	15	-	7	-	2	15	2	-	1	1	9	2	38.6	13.0	-	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	92,825	40	43	10	11	-	7	1	-	-	-	-	-	2	2	1	24.2	4.5	-	-	-	-	-	-	-	HUDDESFIELD.	
HALIFAX	81,080	44	35	9	9	-	3	-	-	-	-	-	1	2	7	1	22.5	1.9	-	-	-	-	-	-	-	HALIFAX.	
BRADFORD*	235,056	118	63	17	13	-	-	1	-	3	1	-	-	1	6	1	18.4	1.1	57.2	37.6	44.9	7.17	0.31	0.79	-	BRADFORD.	
LEEDS	337,449	227	186	33	56	-	13	1	-	1	2	2	7	17	20	1	27.2	2.8	-	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	227,227	180	120	26	27	-	-	7	3	-	4	2	1	3	15	6	19.1	2.6	-	-	-	-	-	-	-	SHEFFIELD.	
HULL	208,017	127	98	23	22	-	7	1	1	3	-	-	1	3	8	4	24.6	3.0	64.0	35.0	45.4	7.44	0.04	0.10	-	HULL.	
SUNDERLAND	134,183	95	36	10	8	-	-	-	-	-	-	-	1	2	3	2	14.0	0.0	60.0	39.0	46.4	8.00	0.12	0.30	-	SUNDERLAND.	
NEWCASTLE*	160,983	113	78	13	18	-	1	1	-	5	-	-	2	1	4	7	25.3	2.9	-	-	-	-	-	-	-	NEWCASTLE.	
CARDIFF*	112,712	82	38	10	5	-	-	-	-	4	-	-	1	2	3	1	17.6	1.9	-	-	-	-	-	-	-	CARDIFF.	
EDINBURGH	266,900	132	66	18	15	-	-	-	-	2	1	-	6	?	14	16	12.9	0.6	57.5	34.2	44.5	6.94	0.89	2.26	-	EDINBURGH.	
GLASGOW	528,144	433	287	58	37	-	40	4	2	32	2	6	13	?	46	32	28.4	8.5	-	-	-	-	-	-	-	GLASGOW.	
DUBLIN	353,082	207	191	24	59	-	2	1	-	1	6	3	6	7	72	7	23.2	1.9	53.8	34.6	45.6	7.56	0.64	1.63	-	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the SEVENTEENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2639	2559	2329	2490	2514	2807	2561	2515	2516	2577	2836.0	2522
Males . .	1958	1803	1430	1294	1217	1402	1326	1253	1307	1297	1438.0	1279
Females .	1281	1256	1399	1196	1297	1405	1235	1262	1209	1280	1398.0	1243
TOTAL Deaths	1771	1387	1550	1520	1635	1660	1549	1472	1481	1497	1686.1	1463
Males . .	934	727	786	784	840	881	793	762	748	750	872.9	777
Females .	837	660	764	736	795	779	756	710	733	687	813.2	686

* The numbers in this column are the average weekly numbers in the seventeenth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.
TOTAL Births	2662	2772	2511	2695	2609	2698	2699	2670	2808	2676	2509	2488	2522
TOTAL Deaths	1570	1460	1516	1567	1472	1637	1638	1554	1476	1572	1493	1426	1463
Ages at													
{ 0–20 years	714	650	655	666	681	695	719	666	642	729	671	670	708
{ 20–40 "	158	181	182	202	153	175	188	165	200	175	183	174	171
{ 40–60 "	270	243	279	278	254	309	298	274	274	237	266	214	257
Death													
{ 60–80 "	338	313	322	337	314	391	357	366	287	305	310	299	264
{ at 80 years & upwds.	90	73	78	84	70	67	76	83	73	76	63	69	63
"													
{ Under 1 year	370	324	326	344	349	322	362	317	316	363	322	299	361
{ 1–5 "	250	233	247	238	257	277	249	276	242	261	251	279	273
{ 5–20 "	94	93	82	84	75	96	108	73	84	100	98	92	74
Deaths from Small-pox	71	56	43	70	67	76	60	84	56	74	72	70	65
" " Measles	11	12	16	14	12	16	16	6	11	15	13	10	9
" " Scarlet fever	88	24	24	27	25	20	31	23	18	26	36	22	29
" " Diphtheria	58	33	31	31	31	29	37	42	51	49	43	51	56
" " Whooping-cough	—	—	—	1	1	—	—	—	—	—	1	—	—
" " Typhus	10	5	13	8	6	4	6	4	8	9	10	6	3
" " Enteric fever	1	—	—	—	—	3	—	—	—	—	1	—	1
" " Simple Cont. fever	13	18	10	16	18	15	14	18	9	17	11	10	18
" " Diarrhoea and Dysentery	—	—	1	—	—	—	2	—	—	—	—	—	—
" " Cholera	182	148	138	167	160	163	166	177	153	190	187	169	181
" " all the above-mentioned Diseases	409	340	376	362	362	402	396	378	332	364	294	300	305
" " Dis. of Respiratory System	138	140	158	156	127	161	162	139	153	170	152	128	164
" " Phthisis	142	132	120	130	116	150	157	127	153	146	135	98	120
" " Dis. of Circulatory System	55	49	44	65	57	52	63	53	52	69	68	57	69
Violent Deaths	104	91	98	114	118	114	127	111	125	130	130	111	116
Inquest Cases	382	314	375	353	353	395	378	365	354	340	325	315	331
Deaths in Public Institutions													
TEMPERATURE OF THE AIR													
Mean	43.1	35.6	34.3	41.4	32.8	37.4	38.8	42.5	45.6	43.5	43.5	46.5	47.5
Mean of Highest readings	49.4	41.9	40.9	47.3	37.7	46.3	46.8	50.3	54.6	51.8	50.4	55.3	57.8
Mean of Lowest readings	36.5	30.2	27.1	36.2	29.8	28.9	31.2	35.7	38.6	37.4	38.6	39.8	39.1
Humidity of the Air	88	81	84	81	83	75	80	80	81	78	90	84	80
Rain-fall in inches	0.22	0.80	1.19	0.05	0.13	0.54	0.04	0.53	0.11	0.27	0.56	0.10	0.75
Registered Sunshine (in hours)	13.0	7.4	8.7	14.9	7.6	26.0	14.8	18.4	14.3	21.3	8.6	12.5	31.3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. B. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 17th Weeks of the 10 Years 1879-88.	In the Week ending Saturday, 27th April 1889.										Corrected Averages for the 17th Weeks of the 10 Years 1879-88.	CAUSES OF DEATH.	Corrected Averages for the 17th Weeks of the 10 Years 1879-88.	In the Week ending Saturday, 27th April 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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ALL CAUSES - -	1686.1	1463	361	273	74	171	257	264	63																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 3. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON	3,815,704	2522	1463	361	327	-	65	9	29	56	-	3	1	18	69	116	331			
West Districts	669,633	383	266	41	79	-	12	3	8	8	-	2	-	2	11	15	83			
North Districts	905,947	560	303	90	68	-	8	2	5	13	-	-	-	4	12	20	64			
Central Districts	282,238	131	111	28	13	-	3	-	4	2	-	-	1	1	12	15	38			
East Districts	692,738	512	276	79	63	-	11	3	6	9	-	-	-	2	16	33	62			
South Districts	1,265,143	956	507	123	104	-	31	1	6	24	-	1	-	9	18	33	84			
METROPOLITAN ASYLUM FOR FETALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Districts.																				
St. Mary Paddington WHH G.J. & W.M.	69683	38	22	5	7	-	1	-	2	-	-	-	-	-	1	2	2			
St. John Paddington H - - G.J.	37330	5	14	-	3	-	-	-	-	-	-	1	-	-	-	1	11			
Kensington Town W - - - W.M.	120141	52	43	10	19	-	1	-	-	1	-	-	-	-	4	3	9			
Brompton H - - - W.M. & C.	48010	11	8	1	4	-	-	-	-	-	-	-	-	-	-	-	-			
St. Peter Hammersmith - - - W.M.	7599	4	4	-	1	-	-	-	-	-	-	-	-	-	1	-	-			
St. Paul Hammersmith H W.M. & G.J.	64340	65	32	8	8	-	-	-	1	4	2	-	-	-	1	4	4			
Fulham W - - - W.M. & C.	42900	45	30	5	8	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea South HHH - - - C.	6396	18	11	1	5	-	-	-	1	-	-	-	-	-	-	-	-			
Chelsea North-west WHHHHH C.	24925	16	23	3	6	-	-	-	-	1	-	-	-	-	-	-	-			
Chelsea North-east - - - C.	32807	30	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
May Fair WW - - - G.J.	80353	6	10	2	5	-	1	-	-	-	-	-	-	-	-	-	-			
Belgrave WHH - - - C.	69220	26	28	1	7	-	-	-	-	2	-	1	-	-	2	2	14			
St. John Westminster HHH - - C.	35496	29	9	1	1	-	3	-	-	-	-	-	-	1	-	-	-			
St. Margaret Westminster H - C.	24679	4	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Westminster WHH N.R. & G.J.	29941	9	9	1	1	-	1	1	-	-	-	-	-	-	-	-	-			
St. Anne Soho HHHHHHH - N.R.	18608	5	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
North Districts.																				
All Souls Marylebone HHHH - W.M.	28759	8	9	-	-	-	-	-	-	1	-	-	-	-	-	-	4			
Cavendish Square HHHH - - W.M.	14391	8	6	1	3	-	-	-	-	-	-	-	-	-	-	1	5			
Rectory Marylebone WH G.J. & W.M.	24809	13	14	5	5	-	-	-	-	-	-	-	-	-	-	1	2			
St. Mary Maryleb. HHH G.J. & W.M.	21118	33	6	6	2	-	-	-	-	-	-	-	-	-	-	1	1			
Christchurch Marylebone HHH - W.M.	33700	18	7	4	2	-	-	-	-	-	-	-	-	-	-	-	2			
St. John Marylebone H - - W.M.	38638	10	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-			
Hampstead WWHHHH N.R. & W.M.	45452	29	17	5	5	-	1	1	2	1	-	-	-	1	-	6	-			
Regent's Park Paneras H - - W.M.	89115	18	10	1	4	-	-	-	-	-	-	-	-	-	1	1	-			
Tottenham-court WHHHH N.R. & W.M.	27729	9	14	2	1	-	-	-	-	1	-	-	-	1	1	4	8			
Gray's Ina Lane HHH - - N.R.	30247	15	15	8	1	-	-	-	-	-	-	-	-	1	4	5	5			
Somers Town H - - - N.R.	34369	25	11	5	1	-	-	-	-	-	-	-	-	1	3	3	-			
Camden Town WH - - - N.R.	17911	15	9	1	5	-	-	-	-	-	-	-	-	-	1	2	7			
Kentish Town W - - - N.R.	87487	58	30	9	5	-	-	-	-	3	-	-	-	-	1	3	6			
Upper Holloway WWHH - - N.R.	67946	46	32	5	9	-	4	1	-	4	-	-	-	-	-	1	9			
Islington South-west HH - - N.R.	100976	55	33	12	6	-	2	-	1	1	-	-	-	-	1	1	1			
Islington South-east - - - N.R.	61825	34	20	5	4	-	-	-	-	1	-	-	-	-	-	1	-			
Highbury H - - - N.R.	52048	34	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-			
Stoke Newington H - - - N.R.	22781	14	8	3	3	-	1	-	-	-	-	-	-	-	-	1	-			
Stamford Hill - - - E.L.	9277	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney H - - - N.R.	37610	25	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-			
Hackney WWHWHH - - - E.L. & N.R.	76911	60	25	8	4	-	-	-	2	-	-	-	-	1	1	1	8			
South Hackney - - - E.L.	39883	28	9	2	2	-	-	-	-	-	-	-	-	-	-	1	-			
Central Districts.																				
St. George Bloomsbury - - - N.R.	16681	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles South WH - - - N.R.	14884	9	7	4	1	-	-	-	-	-	-	-	-	1	1	2	-			
St. Giles North - - - N.R.	13837	-	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.	17508	5	10	4	-	-	-	-	-	-	-	-	-	-	3	3	7			
St. Mary-le-Strand H - - - N.R.	7515	2	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-			
St. Clement Danes H - - - N.R.	8559	2	5	2	-	-	-	-	1	-	-	-	-	-	1	1	4			
Strand Union Workhouse, Edmonton w.	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1			
St. Geo. the Martyr HHHHHHH N.R.	18671	8	10	2	2	-	-	-	1	-	-	-	-	-	2	2	4			
St. Andrew Eastern W - - - N.R.	10706	2	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-			
Saffron Hill H - - - N.R.	6533	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell - - - N.R.	17516	13	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Amwell Clerkenwell - - - N.R.	12281	12	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
Pentonville - - - N.R.	14773	11	3	2	-	-	-	-	-	1	-	-	-	-	-	-	-			
Goswell-street - - - N.R.	17506	12	11	5	2	-	-	-	-	-	-	-	-	-	-	1	-			
Old-street H - - - N.R.	11541	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - - - N.R.	18628	20	7	1	2	-	-	-	-	-	-	-	-	-	-	-	6			
Whitecross-street - - - N.R.	9217	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Finchbury - - - N.R.	7493	2	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-			
Holborn Union Workhouse, Mitcham, w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph H - - - N.R. & E.L.	11174	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Cripplegate - - - N.R.	7193	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-			
St. Sepulchre H - - - N.R.	6363	2	17	-	-	-	1	-	-	-	-	-	-	-	-	-	-			
St. Bride W - - - N.R.	8396	1	1	-	-	-	-	-	3	-	-	-	-	-	3	4	16			
Allhallows Barking - - - N.R.	13666	2	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-			
Broad Street H - - - N.R.	6632	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; A—Workhouse Establishment receiving inmates from other districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:—

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Fowler & Stappes Sick Asylum " "
Holborn Infirmary " in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " in Holborn sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " in Holborn sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " in Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
London City " " in Mile End Old Town Western sub-dist.	ney, Brixton, and St. Paul, Deptford sub-districts, and in Darford,
	Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which patients are received.

The following Women are above Table by 12:—

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
Navviers' Infirmary in Camberwell sub-district.
Metropolitan Asylum. District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul, Deptford sub-districts, and Dartford,
Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 27th April, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		370,924	950,957	782	393	84	106	-	13	1	3	3	4	4	12	22	35	6		
30:1	Carshalton <i>wL</i> -	12229	21118	12	6	1	1	-	-	-	-	1	-	-	-	-	-	-		
2	Epsom (part of)* <i>WwH</i>	9971	10710	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
37:1	Godstone (part of)* -	2754	1235	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
38:1	Croydon <i>WwHHL</i> -	20351	101241	63	37	7	12	-	1	-	-	-	2	-	-	3	2	-		
2	Mitcham <i>w†</i> -	11897	17982	12	5	4	-	-	-	-	-	1	-	-	-	-	-	-		
39:1	Wimbledon <i>HHH</i> -	8220	15950	17	7	-	1	-	-	-	-	-	-	-	1	1	-	-		
2	Kingston <i>WHH</i> -	8549	36354	26	18	8	3	-	-	-	-	-	-	-	-	1	1	-		
3	Esher (part of)* -	6601	9221	3	3	-	1	-	1	-	-	-	-	-	-	-	-	-		
4	Hampton <i>H</i> -	4573	13539	13	5	2	2	-	-	-	-	-	-	-	-	-	-	-		
40:1	Richmond <i>WH</i> -	2272	21302	6	13	2	3	-	-	-	-	-	-	-	3	3	2	-		
2	Mortlake -	2941	12331	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
41:1	Bromley (pt. of)* <i>HH</i>	15669	81142	19	11	2	3	-	-	-	-	-	-	-	-	-	1	-		
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
42:1	Bexley <i>H</i> -	13487	24124	26	13	2	3	-	3	-	-	1	-	-	-	-	1	-		
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
124:1	Sunbury <i>w</i> -	11055	11685	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i> -	13277	12089	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
125:1	Hillingdon <i>WHH</i> -	6029	10902	5	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Uxbridge -	6179	3225	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wHL</i> -	14587	11523	12	10	3	3	-	-	-	-	-	-	-	-	-	4	-		
126:1	Isleworth <i>WHH</i> -	7008	22727	14	14	1	6	-	-	-	-	-	-	-	-	-	3	-		
2	Twickenham <i>H</i> -	2477	12479	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i> -	4345	27649	28	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
4	Chiswick -	1340	15975	12	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
5	Acton <i>wH</i> -	6083	22876	21	16	3	2	-	3	-	1	-	-	-	-	1	-	-		
127:1	Harrow <i>H</i> -	13909	12796	8	5	1	-	-	-	-	-	-	-	-	1	1	-	-		
2	Edgware <i>H</i> -	6994	3749	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden -	4983	37453	33	10	4	3	-	-	-	-	-	-	-	1	4	-	-		
4	Hendon <i>W</i> -	8382	10484	10	6	1	3	-	-	-	1	-	-	-	-	-	3	1		
127:1	Bushey -	9331	6631	6	2	-	1	-	-	-	-	-	-	-	-	1	-	-		
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128:1	South Mimms -	15999	6391	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet -	5433	10092	11	5	-	3	-	-	-	-	-	-	-	-	-	2	-		
3	Finchley <i>HL</i> -	4688	17615	14	5	-	2	-	-	-	-	-	-	-	-	-	2	-		
135:1	Hatfield (part of)* -	3806	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
129:1	Hornsey <i>H</i> -	3039	37078	30	15	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Tottenham <i>H</i> -	4642	46456	53	25	9	6	-	-	-	-	-	-	-	2	2	2	1		
3	Edmonton <i>Ww†</i> -	7433	23463	24	12	2	7	-	2	-	-	-	-	-	2	2	2	-		
4	Enfield <i>WH</i> -	12853	19104	30	5	2	1	-	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey -	11017	5363	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Chesham -	8490	7785	6	5	1	2	-	-	-	-	-	1	-	-	-	-	-		
136:1	Stratford -	982	38606	24	17	4	4	-	1	-	-	-	-	1	-	-	-	1		
2	West Ham <i>wowwH§</i> -	7351	101053	96	49	14	7	-	2	1	1	-	1	1	-	1	-	2		
3	Leyton <i>WwL</i> -	4372	32430	46	25	1	14	-	-	-	-	-	-	-	-	-	10	-		
4	Walthamstow <i>H</i> -	6520	23369	39	7	1	-	-	-	-	-	-	-	1	-	-	-	1		
137:1	Chigwell (part of)* <i>H</i>	11761	9669	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
138:1	Romford (part of)* <i>W</i>	6730	3411	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford -	8493	7845	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district: 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district: 187:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 187:2, Watford, and 187:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th April, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	17·2	1·9	1856	445	433	-	78	10	32	59	8	22	81	366		
INNER LONDON -	77,410	4,351,738	17·6	2·2	1463	361	327	-	65	9	29	56	4	13	69	331		
OUTER RING -	370,924	1,290,277	15·9	1·1	393	84	106	-	13	1	3	3	4	4	12	35		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,567,002 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	February 23	-	210	25·2	-	1	-	-	1	51	46†	
		March 2	-	204	24·5	4	-	-	-	-	51	47†	
		9	-	201	24·2	4	-	-	-	1	40	53†	
BOMBAY -	773,196	April 2	241	447	25·6	10	36	?	?	?	161	25	
MADRAS -	398,777	March 15	284	345	45·0	1	37	?	?	?	68	55†	
PARIS -	2,260,945	April 20	1307	972	22·4	7	29	2	31*	10	7	43	
BRUSSELS -	471,606	" 20	235	164	18·1	-	1	-	-	2	3	16	
(with 8 Faubourgs.)													
AMSTERDAM -	390,616	" 20	286	153	19·9	-	14	-	2	1	1	-	
ROTTERDAM -	197,723	" 20	151	85	22·3	-	3	-	-	1	-	-	
THE HAGUE -	153,440	" 20	90	60	20·3	-	-	-	-	-	1	-	
OPENHAGEN -	307,000	" 13	210	117	19·9	-	-	-	4	6	-	8	
STOCKHOLM -	221,549	" 13	144	92	20·9	-	-	-	4*	-	-	6	
CHRISTIANIA -	138,300	" 20	48	45	16·9	-	1	-	4	3	-	2	
S. PETERSBURG -	842,883	" 13	-	626	38·8	2	-	14	6	9	14	90	
BERLIN -	1,470,582	" 6	891	704	24·8	-	4	3	20	5	6	118	
HAMBURG (State) -	550,694	" 13	426	243	23·5	-	2	1	8*	5	3	5	
DRESDEN -	264,196	" 13	182	114	22·4	?	-	2	5*	?	-	5	
BRISLAU -	313,451	" 20	245	148	24·7	-	2	-	3*	1	-	11	
MUNICH -	281,000	" 13	217	173	32·0	-	7	6	7*	1	-	16	
VIENNA -	811,434	" 13	556	457	29·3	-	4	3	7	5	2	21	
PRAGUE -	304,356	" 13	-	186	31·9	6	1	3	7	2	5	1	
BUDA-PESTH -	452,907	" 13	369	308	35·4	-	-	-	4	2	8	24	
TRIESTE -	158,084	" 13	-	83	27·3	1	-	-	1	-	1	7	
ROME -	461,044	March 9	262	257	33·3	4	3	1	6	-	6†	10	
TURIN (11 days) -	306,393	" 31	-	-	-	-	-	-	-	-	-	-	
VENICE -	153,375	April 13	79	81	27·6	2	3	-	-	-	-	6	
CAIRO -	374,838	" 4	328	326	45·4	5	1	-	3*	6	21	107	
ALEXANDRIA -	231,396	" 4	200	223	51·4	1	18	-	-	-	11	59	
NEW YORK -	1,549,500	" 6	-	862	29·0	-	13	71	48	19	6	8	
BROOKLYN -	814,505	" 6	-	347	22·0	-	8	12	23	5	-	5	
PHILADELPHIA -	1,040,245	" 6	-	372	18·7	-	1	5	16	1	7	2	
BALTIMORE -	500,343	" 6	-	162	16·9	-	-	-	2	1	1	-	

* Including deaths from croup.

† Including 26, 27, and 41 deaths respectively from cholera in Calcutta, and 1 in Madras.

‡ Including 4 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27th April, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.	Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving tube is 5 inches above the surface of Ground.							
		Of the Air.				Of the Dew Point.				Of the Water of the Thames at Deptford.				Oilers.					Robinson's.						
		High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average of 30 years.	Mean daily value.	Great. est.	Least. est.	High. est.	Low. est.	Mean of 24 hours.	Great. est.	Least. est.	Pressure on the Square Foot.	Horizontal Movement on each Day.	Departure from Average of 10 Years.								
APRIL.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	lbs.	lbs.	Miles.	Miles.	in.					
SUN. . 21	Greatest Dec. S.	29° 61.3	56° 7	41° 4	15° 3	47° 6	— 0° 6	43° 0	0°	0°	4° 6	11° 3	0° 0	84	100° 0	33° 5	49° 1	47° 1	0° 03	9° 5					
MON. . 22	Last Qr.	29° 64.7	60° 8	38° 3	22° 5	48° 7	+ 0° 5	39° 5	9° 2	17° 9	1° 5	70	135° 1	30° 1	49° 4	47° 9	0° 0	0° 2	0° 05	10° 5					
TUES. . 23	..	29° 51.0	55° 3	37° 0	18° 3	45° 0	— 3° 3	40° 7	4° 3	13° 8	0° 0	85	114° 2	28° 5	50° 3	48° 4	0° 0	1° 1	0° 19	9° 0					
WED. . 24	..	29° 31.5	53° 7	40° 4	13° 3	44° 8	— 3° 5	41° 1	3° 7	10° 8	0° 0	87	116° 6	33° 0	50° 7	48° 0	0° 0	0° 0	0° 27	4° 5					
THURS. . 25	..	29° 66.0	52° 1	37° 0	15° 1	44° 1	— 4° 3	41° 3	2° 8	8° 4	0° 0	90	93° 3	29° 0	50° 9	49° 1	0° 0	0° 6	0° 08	0° 0					
FRI. . 26	..	29° 82.5	61° 4	35° 1	26° 3	49° 1	+ 0° 7	39° 7	9° 4	17° 9	0° 0	70	123° 9	28° 6	50° 5	49° 7	0° 0	0° 1	0° 00	2° 8					
SAT. . 27	In Equinox.	29° 79.9	64° 5	44° 2	20° 3	52° 9	+ 4° 5	43° 5	9° 4	20° 2	1° 0	71	116° 0	36° 5	50° 9	50° 3	0° 0	0° 0	0° 13	6° 0					
MEANS .	..	29° 62.4	57° 8	39° 1	18° 7	47° 5	— 0° 9	41° 3	6° 2	14° 4	0° 4	80	114° 2	31° 3	50° 3	48° 6	..	..	Sum 0° 75	6° 0					
No. of Col. .	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.		GENERAL REMARKS.																							
APRIL.		The height of the cistern of the barometer is 159 feet above the mean level of the sea: no correction has been applied to the readings to reduce to sea level. The means of the eye-readings are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the minimum and maximum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hydro-metrical Tables. The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average. The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are — P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable. The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The reading of the uncorrected barometer decreased from 29° 50 in. at the beginning of the week to 29° 50 in. by 8h. P.M. on the 1st; increased to 29° 70 by 9h. P.M. on the 22nd; decreased to 29° 28 in. by 9h. A.M. on the 24th; increased to 29° 85 in. by 9h. A.M. on the 26th; and was 29° 78 in. at the close of the week. ROBINSON'S ANEMOMETER was taken down for examination on 22nd April.																							
SUNDAY . 21		2° 5																							
MONDAY . 22		7° 7																							
TUESDAY . 23		4° 7																							
WEDNESDAY . 24	The electrometer was not in action throughout the week.	1° 3																							
THURSDAY . 25		1° 3																							
FRIDAY . 26		10° 7																							
SATURDAY . 27		3° 8																							
MEANS .		Sum 31° 3																							
No. of Col. .	28	29																							

The height of the cistern of the barometer is 159 feet above the mean level of the sea, no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by taking the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 30 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 10 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29° 80 in. at the beginning of the week to 29° 50 in. by 8h. p.m. on the 21st; increased to 29° 70 by 9h. p.m. on the 22nd; decreased to 29° 28 in. by 9h. a.m. on the 24th; increased to 29° 50 in. by 9h. a.m. on the 26th; and was 29° 75 in. at the end of the week.

• ROBINSON'S ANEMOMETER was taken down for examination on 22nd April.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 18. 1889. VOL. L.] WEEK ENDING SATURDAY, MAY 4. [Price 1½d.

*General Register Office, Somerset House,
6th May, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·4 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 13.	Apr. 20.	Apr. 27.	May 4.		Apr. 13.	Apr. 20.	Apr. 27.	May 4.
Birkenhead	13·7	14·2	18·8	19·8	Liverpool -	23·3	21·0	19·6	21·9
Birmingham	22·6	19·4	18·7	16·3	London -	17·9	17·1	17·5	16·6
Blackburn -	30·1	28·0	23·2	32·3	Manchester -	28·1	28·6	28·5	28·4
Bolton	21·8	21·8	20·0	28·7	Newcastle-on-Tyne*	28·2	25·6	25·3	23·7
Bradford*	17·8	20·4	18·4	18·4	Norwich -	16·6	16·6	27·1	21·0
Brighton -	20·1	12·0	12·4	22·3	Nottingham -	20·2	19·7	15·8	20·6
Bristol	17·1	18·7	18·0	18·0	Oldham -	25·3	24·6	19·4	29·3
Cardiff*	18·1	23·1	17·6	19·4	Plymouth -	20·0	26·0	30·0	30·0
Derby	14·8	17·5	15·4	18·5	Portsmouth -	20·3	19·9	16·3	16·6
Halifax -	19·3	16·7	22·5	25·7	Preston -	31·0	37·6	38·6	29·5
Huddersfield	22·5	21·9	24·2	21·4	Salford*	17·6	24·1	19·8	19·2
Hull -	15·6	18·3	21·6	19·6	Sheffield -	21·8	19·3	19·1	22·3
Leeds	24·5	23·6	27·2	25·3	Sunderland -	22·9	17·1	14·0	19·8
Leicester*	15·9	13·9	16·3	13·2	Wolverhampton -	13·9	17·1	25·9	15·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·6 in Leeds, 1·8 in Oldham, 2·0 in Hull, 2·5 in Preston, 2·6 in Manchester, and 2·7 in Bolton; from *scarlet fever*, 1·0 in Sheffield; from *whooping-cough*, 1·4 in Cardiff, 1·5 in Portsmouth, 1·9 in Newcastle-upon-Tyne, 2·0 in Birkenhead, 2·2 in Oldham, 2·7 in Plymouth, and 3·0 in Preston; and from "*fever*," 1·0 in Preston. The 33 deaths from *diphtheria* in these towns included 21 in London, 3 in Manchester, 2 in Liverpool, 2 in Preston, and 2 in Bolton. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2712 BIRTHS and 1386 DEATHS were registered. Allowing for increase of population, the births were 140, and the deaths 266, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·1 and 17·5 in the two preceding weeks, declined last week to 16·6, and was lower than in any previous week of this year. During the first five weeks of the current quarter the death-rate averaged 17·6 per 1000, and was 3·4 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1386 deaths included 68 from *measles*, 15 from *scarlet fever*, 21 from *diphtheria*, 55 from *whooping-cough*, 5 from *enteric fever*, 2 from ill-defined

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last inter-censal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

forms of continued fever, 12 from diarrhœa and dysentery, and not one from small-pox, typhus, or cholera; thus, 178 deaths were referred to these diseases, being 61 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 19; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had declined in the four preceding weeks from 74 to 65, were last week 68, and exceeded the corrected average by 4; 6 belonged to Westminster, 8 to Islington, 6 to Bethnal Green, 4 to Newington, 5 to Lambeth, 7 to Greenwich, and 4 to Plumstead sanitary areas. The fatal cases of *scarlet fever*, which had declined in the four preceding weeks from 15 to 9, rose again last week to 15, but were 15 below the corrected average; 2 belonged to Newington, 2 (at 57, Adam Street) to Rotherhithe, 3 to Lambeth, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 617 scarlet fever patients, against 570 and 581 on the two preceding Saturdays; 70 cases were admitted to these hospitals during the week, against 50 and 53 in the two previous weeks. The deaths from *diphtheria*, which had been 22 and 29 in the two preceding weeks, declined again last week to 21, but exceeded the corrected average by 4; 3 belonged to Kensington, 3 to Poplar, 2 to Newington, and 2 to Camberwell sanitary areas. The fatal cases of *whooping-cough* were within one of the number in the previous week, and were 24 below the corrected average; 4 belonged to Pancras, 5 to Islington, 6 to Newington, 5 to Battersea, 4 to Camberwell, and 4 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 10 and 18 in the two previous weeks, declined again last week to 12, and were 5 below the corrected average; 9 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 10, 6, and 3 in the three previous weeks, were last week 5, and were 6 below the corrected average; 2 belonged to Islington sanitary area. The death of a female, aged 16 years, in Hammersmith, was indefinitely referred to "febris;" and the death of a female, aged 19 years, in Shoreditch, to "morbus cordis, febricula." The Metropolitan Asylum Hospitals contained 18 cases of enteric fever, and 2 of typhus on Saturday last; 2 cases of enteric fever, and not one of typhus, were admitted during the week.

The death of a male, aged 15 years, in Hackney, was referred to "malarial fever."

The deaths referred to diseases of the respiratory organs, which had been 294, 300, and 305 in the three preceding weeks, declined last week to 242, and were 115 below the corrected weekly average.

Different forms of violence caused 55 deaths; 46 were the result of negligence or accident, among which were 22 from fractures and contusions, 7 from burns and scalds, 5 from drowning, 1 of a painter from lead paralysis, and 9 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles and horses in the street; 4 by fall from scaffold or ladder; 1 (intoxicated) by fall down stairs; 1 by fall from wall; 1 by fall from tree; 1 by fall into well; 1 by fall from perambulator; 1 by injury from fall of bag of maize; 1 by fall in street; 1 by bursting of pipe of steam-engine; and 1 by blow and 3 by fracture, the nature of which was not stated. An inquest was held in each of these 22 cases except 2 of the last 3. Seven cases of suicide were registered, corresponding with the corrected average.

GREATER LONDON.

In Greater London 3583 births and 1742 deaths were registered, corresponding to annual rates of 33·1 and 16·1 per 1000 of the estimated population. In the Outer Ring 30 deaths from measles and 5 from whooping-cough were registered. The fatal cases of measles included 8 in Acton and 5 in Edmonton sub-districts, and 10 in the district of West Ham.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 ins.; the lowest reading was 29·32 ins. on Tuesday afternoon, and the highest 29·83 ins. on Friday evening. The mean temperature of the *air* was 50°·8, and 2°·0 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Wednesday and Thursday, but showed an excess on each of the other days of the week, which on Saturday amounted to 10°·7. The general direction of the *wind* was S.E. *Rain* fell on three days of the week, to the aggregate amount of 0·79 of an inch. The duration of registered bright sunshine in the week was 39·8 hours, against 44·6 hours at Glynde Place, Lewes.

TABLE 2.—BIRTHS, DEATHS, AND METEOROLOGY IN THE GREAT TOWNS, during the week ending 4th May, 1889.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1889.	Registered during the Week ending 4th May, 1889.			The Deaths registered in the Week include										TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Deaths of Persons aged 60 Years and upwards.			Deaths from							Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Colic, &c.	Fahrenheit.			In Inches.	In Centim.			
					Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.															
													19.	20.						21.	22.	23.			24.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.		
28 TOWNS*	9,555,406	6302	3559	824	755	-	167	40	33	125	33	30	107	223	600	67	19-4	2-3	73-4	32-9	48-4	9-11	0-49	1-24	- 28 TOWNS.		
LONDON	4,351,738	2712	1386	309	310	-	68	15	21	55	7	12	55	107	315	11	16-6	2-1	73-4	38-1	50-8	10-44	0-79	2-01	LONDON.		
BRIGHTON	121,807	72	52	10	17	-	2	-	-	-	-	-	3	5	2	1	22-3	0-9	70-6	42-5	51-6	10-89	0-39	0-76	BRIGHTON.		
PORTSMOUTH	141,253	101	45	13	10	-	-	-	1	4	-	-	-	1	5	1	16-6	1-8	-	-	-	-	-	-	PORTSMOUTH.		
NORWICH	94,510	84	38	10	10	-	1	-	-	1	-	-	-	2	5	1	21-0	1-1	-	-	-	-	-	-	PORTSMOUTH.		
NORWICH	78,225	65	45	9	16	-	1	-	-	4	-	-	2	5	4	-	30-0	3-3	61-0	43-0	49-7	9-83	0-48	1-22	NORWICH.		
PLYMOUTH	229,361	159	79	22	21	-	4	-	-	1	1	-	2	2	18	-	18-0	1-4	67-8	36-0	48-8	9-33	0-59	1-50	PLYMOUTH.		
BRISTOL	82,544	63	24	7	4	-	1	-	-	-	-	-	-	2	-	1	15-2	0-6	59-7	32-9	46-1	7-83	0-74	1-88	BRISTOL.		
WOLVERHAMPTON																									WOLVERHAMPTON.		
BIRMINGHAM	454,835	343	142	41	37	-	4	1	-	7	2	-	2	8	35	2	16-3	1-6	-	-	-	-	-	-	BIRMINGHAM.		
LEICESTER*	150,520	100	38	15	10	-	2	-	-	1	-	1	1	3	7	1	13-2	1-4	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM	237,812	138	94	27	21	-	3	-	-	5	2	1	1	5	14	-	20-6	2-4	62-1	35-3	48-0	8-89	0-16	0-41	NOTTINGHAM.		
DERBY	98,529	63	35	7	12	-	-	1	-	-	-	-	1	3	6	1	18-5	1-1	-	-	-	-	-	-	DERBY.		
BIRKENHEAD	102,511	65	39	11	12	-	-	-	-	4	-	1	-	6	2	19-8	2-5	-	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL	606,562	394	255	50	43	-	12	8	2	5	8	3	8	8	46	12	21-9	3-3	66-0	36-4	49-0	9-44	0-42	1-07	LIVERPOOL.		
BOLTON	114,670	63	63	14	11	-	6	-	2	2	2	-	-	1	2	4	23-7	4-5	-	-	-	-	-	-	BOLTON.		
MANCHESTER	378,800	285	206	35	42	-	19	2	3	3	1	4	1	9	40	3	38-4	4-4	-	-	-	-	-	-	MANCHESTER.		
SALFORD	234,283	148	86	19	13	-	2	4	1	-	3	2	3	16	3	19-2	2-7	-	-	-	-	-	-	-	SALFORD.		
OLDHAM	142,405	86	80	13	14	-	5	1	-	6	1	-	2	6	8	3	29-3	4-8	-	-	-	-	-	-	OLDHAM.		
BLACKBURN	121,275	88	75	18	13	-	3	-	-	2	2	-	2	3	4	8	32-3	3-0	-	-	-	-	-	-	BLACKBURN.		
PRESTON	104,104	89	59	24	9	-	5	-	2	6	2	-	-	3	1	3	29-5	7-5	-	-	-	-	-	-	PRESTON.		
HUDDERSFIELD	92,825	42	38	8	3	-	2	-	-	-	-	1	1	1	2	2	21-4	2-2	-	-	-	-	-	-	HUDDERSFIELD.		
HALIFAX	81,090	61	40	7	11	-	2	-	-	-	-	-	1	1	2	4	25-7	1-3	-	-	-	-	-	-	HALIFAX.		
BRADFORD*	235,056	151	83	20	18	-	1	-	-	3	-	-	-	4	12	-	18-4	0-9	53-3	40-2	47-9	8-83	0-30	0-76	BRADFORD.		
LEEDS	357,449	223	173	33	35	-	11	-	-	1	6	1	-	11	11	2	25-3	1-9	-	-	-	-	-	-	LEEDS.		
SHEFFIELD	327,227	208	140	40	27	-	4	6	1	4	2	-	3	10	11	5	22-3	2-7	-	-	-	-	-	-	SHEFFIELD.		
HULL	208,017	145	78	16	12	-	8	-	-	1	1	-	1	2	7	5	19-6	2-5	62-0	38-0	47-0	8-33	0-59	1-50	HULL.		
SUNDERLAND	134,193	110	51	11	7	-	-	-	-	1	-	-	4	4	1	1	19-8	1-2	53-0	37-0	44-9	7-17	0-49	1-24	SUNDERLAND.		
NEWCASTLE*	160,983	155	73	20	11	-	-	-	-	2	6	2	1	2	6	4	23-7	2-9	-	-	-	-	-	-	NEWCASTLE.		
CARDIFF*	112,712	89	42	9	6	-	1	-	-	3	-	-	1	3	5	-	19-4	1-9	-	-	-	-	-	-	CARDIFF.		
EDINBURGH	266,900	177	90	17	20	-	-	-	3	2	-	2	2	?	24	16	17-6	1-4	65-3	35-0	48-7	9-28	0-67	1-70	EDINBURGH.		
GLASGOW	523,144	460	290	62	43	-	26	-	1	36	2	8	4	9	42	31	23-7	7-2	66-4	37-7	50-6	10-33	0-82	2-08	GLASGOW.		
DUBLIN	353,082	225	177	23	53	-	3	1	-	1	5	1	-	-	69	15	26-2	1-6	57-9	36-0	48-1	8-94	0-30	0-76	DUBLIN.		

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the EIGHTEENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2607	2823	2515	2740	2545	2541	2429	2706	2597	2650	2851·9	2712
Males . .	1862	1437	1304	1406	1283	1381	1235	1374	1276	1328	1454·8	1393
Females .	1245	1386	1211	1334	1262	1210	1194	1332	1321	1322	1397·6	1319
TOTAL Deaths	1648	1416	1472	1495	1504	1697	1465	1491	1531	1429	1651·8	1386
Males . .	811	755	764	768	792	876	778	803	824	719	860·3	729
Females .	837	651	708	727	712	821	687	688	707	710	791·5	657

*The numbers in this column are the average weekly numbers in the eighteenth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.
TOTAL Births	2772	2511	2695	2609	2698	2699	2670	2808	2676	2509	2488	2522	2712
TOTAL Deaths	1460	1516	1567	1472	1637	1638	1554	1476	1572	1493	1426	1452	1386
Ages at Death													
{ 0–20 years	650	655	666	681	695	719	666	642	729	671	670	708	626
{ 20–40 "	181	182	202	153	175	188	165	200	175	183	174	171	184
{ 40–60 "	243	279	278	254	309	298	274	274	277	266	214	256	263
{ 60–80 "	313	322	337	314	391	357	366	287	305	310	299	264	258
{ at 80 years & upwds.	78	78	84	70	67	76	83	73	76	63	69	63	52
" { Under 1 year	324	326	344	349	322	362	317	316	368	322	299	361	309
{ 1–5 "	233	247	238	257	277	249	276	242	261	251	279	273	246
{ 5–20 "	93	82	84	75	96	108	73	84	100	98	92	74	71
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	56	43	70	67	76	60	84	56	74	72	70	65	63
" " Scarlet fever	12	16	14	12	16	16	6	11	15	13	10	9	15
" " Diphtheria	24	24	27	25	20	31	23	18	26	36	22	29	21
" " Whooping-cough	33	31	31	31	29	37	42	51	49	43	51	56	53
" " Typhus	-	-	1	1	-	-	-	-	-	1	-	-	-
" " Enteric fever	5	13	8	6	4	6	4	8	9	10	6	3	5
" " Simple Cont'd fever	-	-	-	-	3	-	-	-	-	1	-	1	2
" " Diarrhœa and Dysentery	18	10	16	13	15	14	18	9	17	11	10	18	12
" " Cholera	-	1	-	-	-	2	-	-	-	-	-	-	-
" " all the above-mentioned Diseases	148	138	167	160	163	166	177	153	190	187	169	181	178
" " Dis. of Respiratory System	340	376	362	362	402	396	378	332	364	294	300	305	242
" " Phthisis	140	158	156	127	161	162	139	153	170	152	128	164	143
" " Dis. of Circulatory System	132	120	130	116	150	157	127	153	146	135	98	119	154
Violent Deaths	49	44	65	57	52	63	53	52	69	68	57	69	55
Inquest Cases	91	98	114	118	114	127	111	125	130	130	111	116	107
Deaths in Public Institutions	314	375	353	353	395	378	365	354	340	325	315	331	315
TEMPERATURE OF THE AIR													
Mean	35·6	34·3	41·4	32·8	37·4	38·8	42·5	45·6	43·5	43·5	46·5	47·5	50·8
Mean of Highest readings	41·9	40·9	47·3	37·7	46·3	46·8	50·3	54·6	51·8	50·4	55·3	57·8	61·9
Mean of Lowest readings	30·2	27·1	36·2	29·8	28·9	31·2	35·7	36·6	37·4	38·6	39·8	39·1	41·5
Humidity of the Air	81	84	81	83	75	80	80	81	78	90	84	80	79
Rain-fall in inches	0·80	1·19	0·05	0·13	0·54	0·04	0·53	0·11	0·27	0·56	0·10	0·75	0·79
Registered Sunshine (in hours)	7·4	8·7	14·9	7·6	26·0	14·8	18·4	14·3	21·3	8·6	12·5	31·3	39·8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 18th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 4th May 1889.								CAUSES OF DEATH.	Corrected Averages for the 18th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 4th May 1889.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.				
ALL CAUSES - -	1651.8	1386	309	246	71	184	268	253	52	Diseases of Organs of Special Sense † - -	1.7	1	-	1	-	-	-	-	-
Small-pox { Vaccinated † - -	19.3	-	-	-	-	-	-	-	-	Diseases of Circulatory System - -	116.5	154	5	1	10	21	46	62	6
Unvaccinated † - -		-	-	-	-	-	-	-	-	Croup - - - - -	12.3	125	34	31	2	3	17	31	7
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - - -	196.2	82	18	24	-	3	8	18	14
Measles - - - - -	63.7	68	19	45	3	1	-	-	-	Pneumonia - - - -	104.4	6	-	1	-	3	-	2	-
Scarlet Fever - - -	20.6	15	2	10	3	-	-	-	-	Other Diseases of Respiratory System - -	37.7	27	6	7	4	1	6	3	-
Typhus - - - - -	1.7	-	-	-	-	-	-	-	-	Dentition † - - - -	15.2	8	3	5	-	-	-	-	-
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Quinsy, Sore Throat † -	1.7	3	-	2	1	-	-	-	-
Influenza - - - -	0.1	-	-	-	-	-	-	-	-	Enteritis - - - - -	6.1	5	-	1	1	1	2	1	-
Whooping-cough - -	78.5	55	21	32	2	-	-	-	-	Peritonitis - - - -	6.9	25	1	-	1	8	13	3	-
Diphtheria - - - -	16.6	21	2	11	7	1	-	-	-	Diseases of Liver - -	29.1	35	9	2	2	4	11	7	-
Simple Continued and Ill-defined Fever -	1.9	2	-	2	-	-	-	-	-	Other Diseases of Digestive System - of	27.9	35	9	2	2	4	11	7	-
Enteric Fever - - -	11.1	5	-	2	3	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - -	2.4	1	-	-	1	-	-	-	-
Cholera - - - - -	0.3	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - -	33.7	39	-	2	3	6	13	13	2
Diarrhoea, Dysentery -	16.6	12	9	3	-	-	-	-	-	Diseases of Generative System - - - -	6.5	4	-	-	-	2	2	-	-
Remittent Fever † -	0.3	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	4.1	6	-	-	-	6	-	-	-
Hydrophobia - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - - -	8.8	3	-	1	1	-	-	1	-
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - - -	4.8	5	2	-	-	-	2	-	1
Cowpox and Effects of Vaccination † - -	0.3	-	-	-	-	-	-	-	-	VIOLENT DEATHS.‡									
Veneral Affections -	19.2	7	4	-	-	1	2	-	-	ACCIDENT.)									
Erysipelas - - - -	6.8	5	3	-	-	1	1	-	-	Fracture and Contusion - - - -	21.8	22	-	2	2	6	9	2	1
Pyæmia and Septicæmia †	4.3	2	-	-	1	1	-	-	-	Gunshot Wound - - - -	0.1	-	-	-	-	-	-	-	-
Puerperal Fever - -	6.3	8	-	-	3	-	-	-	-	Cut, Stab - - - - -	0.5	1	-	-	1	-	-	-	-
Other Zymotic Diseases †	2.3	2	-	1	1	-	-	-	-	Burn and Scald - - - -	4.9	7	-	4	-	1	1	1	-
Thrush - - - - -	1.6	4	4	-	-	-	-	-	-	Poison - - - - -	2.1	1	-	-	-	1	-	-	-
Worms and other Parasitical Diseases - -	0.7	1	-	-	-	1	-	-	-	Drowning - - - - -	6.1	5	-	-	-	3	1	1	-
Starvation, Want of Breast-milk † - -	1.4	4	3	-	1	-	-	-	-	Suffocation - - - -	13.6	9	9	-	-	-	-	-	-
Alcoholism - - - -	4.9	8	-	-	2	6	-	-	-	Otherwise - - - - -	2.6	1	1	-	-	-	-	-	-
Rheumatic Fever, Rheumatism of Heart †	5.0	4	-	2	2	-	-	-	-	(HOMICIDE.)									
Rheumatism † - - -	3.7	3	-	-	-	1	2	-	-	Murder & Manslaughter	1.2	2	2	-	-	-	-	-	-
Gout - - - - -	3.3	3	-	-	-	2	1	-	-	(SUICIDE.)									
Rickets † - - - -	2.9	8	3	5	-	-	-	-	-	Gunshot Wound - - - -	0.3	-	-	-	-	-	-	-	-
Cancer - - - - -	52.9	55	-	-	5	34	14	2	-	Cut, Stab - - - - -	1.4	-	-	-	-	-	-	-	-
Tabs Mesenterica -	23.2	23	13	6	2	2	-	-	-	Poison - - - - -	1.2	3	-	-	1	1	1	-	-
Tubercular Meningitis -	33.5	20	5	12	3	-	-	-	-	Drowning - - - - -	1.3	1	-	-	-	-	-	-	-
Phthisis - - - - -	179.0	143	3	6	9	67	47	11	-	Hanging - - - - -	2.4	2	-	-	-	1	-	1	-
Scrofula, Tuberculosis -	19.4	13	3	6	1	2	1	-	-	Otherwise - - - - -	0.7	1	-	-	-	-	1	-	-
Other Constitutional Diseases † - -	11.1	9	-	-	3	3	2	1	-	(EXECUTION.)									
Premature Birth - -	34.8	43	46	-	-	-	-	-	-	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-
Atelectasis † - - -	2.4	2	2	-	-	-	-	-	-	OTHER CAUSES † - -	54.0	32	25	2	-	-	2	3	-
Congenital Malformations - - - -	8.4	9	8	1	-	-	-	-	-										
Old Age - - - - -	51.0	37	-	-	-	-	19	18	-										
Apoplexy - - - - -	45.9	37	-	1	-	7	22	7	-										
Epilepsy - - - - -	8.3	3	-	-	-	2	1	-	-										
Convulsions - - - -	45.3	37	30	6	1	-	-	-	-										
Other Diseases of Brain and Nervous System †	94.8	91	13	13	4	5	11	33	7										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.	Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of															Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Deaths from														
				Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.						
LONDON	3,815,704	2712	1386	309	310	-	68	15	21	55	-	5	2	12	55	107	315	1		
West Districts	693,683	428	265	40	50	-	12	-	5	9	-	-	1	3	9	19	78	2		
North Districts	905,947	601	804	64	79	-	18	1	5	15	-	3	-	2	18	21	61	-		
Central Districts	282,288	170	94	16	18	-	2	1	-	4	-	-	-	2	4	8	28	-		
East Districts	692,738	568	237	55	49	-	8	1	3	2	-	-	1	2	18	23	66	2		
South Districts	1,265,148	947	486	125	114	-	50	12	8	25	-	2	-	3	13	31	84	7		
METROPOLITAN ASYLUM FOR FETALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.	69888	59	25	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Paddington H - - - G.J.	37330	13	14	1	4	-	-	-	-	-	-	-	-	-	2	1	7	-		
Kensington Town Ww - - - W.M.	120141	68	49	10	17	-	-	-	2	1	-	-	-	-	-	5	13	-		
Brompton H - - - W.M. & C.	43010	11	12	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Peter Hammersmith - - - W.M.	7899	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.	64340	43	21	4	6	-	-	-	-	1	-	-	-	1	1	2	-	-		
Fulham Ww - - - W.M. & C.	42900	74	36	7	7	-	-	-	2	1	-	-	1	1	5	7	-	-		
Chelsea South HHH - - - C.	6896	29	10	1	1	-	-	-	-	-	-	-	-	-	-	1	4	-		
Chelsea North-west WHHHH - C.	24925	17	15	3	1	-	1	-	-	1	-	-	-	-	-	-	11	-		
Chelsea North-east - - - C.	32807	21	10	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - - G.J.	80853	10	8	-	4	-	-	-	-	2	-	-	-	-	1	1	3	-		
Belgrave WHHH - - - C.	89220	40	22	3	2	-	-	-	-	1	-	-	-	-	1	1	12	-		
St. John Westminster HHH - C.	35498	21	13	2	-	-	3	-	-	1	-	-	-	-	-	-	-	-		
St. Margaret Westminster H - C.	24778	6	10	1	1	-	4	-	-	-	-	-	-	-	-	-	5	-		
St. James Westminster WHH N.R. & G.J.	29941	10	12	1	3	-	3	-	-	1	-	-	-	-	-	-	2	1		
St. Anne Soho HHHHHH - N.R.	16608	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	2	1		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.	26789	11	8	1	1	-	-	-	-	1	-	-	-	-	-	-	4	-		
Carverish Square HHHH - W.M.	14891	2	6	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH G.J. & W.M.	24809	-	4	2	1	-	-	-	-	1	-	-	-	-	-	-	2	-		
St. Mary Marylebone HHH G.J. & W.M.	21118	24	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HHH - W.M.	33700	14	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - - W.M.	33633	18	5	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-		
Hampstead WwHHHH N.R. & W.M.	45452	25	11	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Regent's Park Paneras H - - W.M.	39115	20	7	1	2	-	-	-	1	-	-	-	-	2	2	-	-	-		
Tottenham-court WHHHH N.R. & W.M.	27729	20	18	3	3	-	2	-	-	-	-	-	-	-	-	-	7	-		
Gray's Inn Lane HHH - - - N.R.	80247	17	5	-	1	-	-	-	1	-	-	-	-	-	-	-	3	-		
Somers Town H - - - N.R.	34369	19	9	2	4	-	1	-	-	-	-	-	-	-	-	-	7	-		
Camden Town WH - - - N.R.	17911	20	11	1	5	-	-	-	-	-	-	-	-	-	-	-	4	-		
Kentish Town W - - - N.R.	37487	55	30	12	10	-	-	1	-	3	-	-	-	3	4	4	-	-		
Upper Holloway WwWH - - - N.R.	67046	49	44	7	13	-	3	-	-	1	-	-	-	-	2	3	21	-		
Islington South-west HH - - N.R.	100976	82	32	10	2	-	4	-	-	-	-	-	-	-	3	6	-	-		
Islington South-east - - - N.R.	61825	41	24	4	6	-	-	-	-	2	-	-	-	-	1	2	-	-		
Highbury H - - - N.R.	52048	34	17	4	3	-	2	-	-	1	-	-	-	-	-	1	2	1		
Stoke Newington H - - - N.R.	22781	17	7	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - - E.L.	9277	16	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - - N.R.	37610	25	11	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hackney WwWH - - - E.L. & N.R.	76911	55	29	4	9	-	-	-	3	2	-	-	-	-	-	1	9	-		
South Hackney - - - E.L.	39883	29	11	2	3	-	1	-	-	1	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - - N.R.	16681	6	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. Giles South WH - - - N.R.	14864	38	3	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North - - - N.R.	18837	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.	17509	8	9	1	-	-	-	-	-	-	-	-	-	-	1	1	6	-		
St. Mary-le-Strand H - - - N.R.	7515	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - - N.R.	8559	3	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Strand Union Workhouse, Edmonton w.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Geo.-the-Martyr HHHHHHH N.R.	18671	8	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - - N.R.	10708	5	2	-	-	-	1	-	-	1	-	-	-	-	-	-	2	-		
Sancton Hill H - - - N.R.	6583	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - - N.R.	17516	8	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - - N.R.	19281	13	8	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-		
Pentonville - - - N.R.	14773	12	4	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - - N.R.	17506	11	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - - N.R.	11541	8	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - - N.R.	18628	22	6	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-		
Whitecross-street - - - N.R.	9217	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-		
Finsbury - - - N.R.	7463	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitcham, w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - - N.R. & E.L.	11174	4	4	1	2	-	-	-	-	-	-	-	-	-	1	1	-	-		
Cripplegate - - - N.R.	7193	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - - N.R.	8588	3	11	1	1	-	-	-	-	-	-	-	-	-	-	1	10	-		
St. Bride W - - - N.R.	8396	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Alhallowes Barking - - - N.R.	18666	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - - N.R.	6662	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
aturday, the 4th May, 1889.

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of													
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unofficial Causes of Death.
FAST DISTRICTS.																	
Holywell Shoreditch	N.R. & E.L.	7376	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard Shoreditch	N.R.	14667	14	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoxton New Town	N.R.	29937	29	7	2	4	-	-	-	-	-	-	-	-	-	-	-
Hoxton Old Town	N.R.	28036	16	8	3	1	-	-	-	-	-	-	-	-	-	-	-
Haggerston	N.R. & E.L.	46275	33	10	3	1	-	-	-	-	-	-	-	-	-	-	-
Hackney-road	E.L.	29738	25	8	2	1	-	1	-	-	-	-	-	-	-	-	-
Green, Bethnal Green	E.L.	47932	36	25	2	13	-	1	-	-	-	-	-	-	-	-	-
Church, Bethnal Green	E.L.	29681	29	18	6	1	-	4	1	-	-	-	-	-	-	-	-
Town, Bethnal Green	E.L.	16810	14	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Spitalfields	E.L. & N.R.	22585	17	2	-	1	-	-	-	-	-	-	-	-	-	-	-
Mill End New Town	E.L.	15473	25	9	3	1	-	-	-	-	-	-	-	-	-	-	-
Whitechapel Church	E.L. & N.R.	17490	13	22	1	1	-	-	-	1	-	-	-	-	-	-	-
Goodman's Fields	E.L.	9713	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	N.R. & E.L.	6102	11	3	2	-	-	1	-	-	-	-	-	-	-	-	-
St. George's, North	E.L.	38747	36	10	5	-	-	-	-	-	-	-	-	-	-	-	-
St. John, St. George East	E.L.	8410	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Shadwell	E.L. & N.R.	16985	12	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Ratcliff	E.L.	16107	11	4	1	1	-	-	-	-	-	-	-	-	-	-	-
Limchouse	E.L.	32041	18	10	3	2	-	1	-	-	-	-	-	-	-	-	-
Mill End Old Town West	E.L.	37960	37	6	2	2	-	-	-	-	-	-	-	-	-	-	-
Mill End Old Town East	E.L.	67653	47	19	6	9	-	-	-	-	-	-	-	-	-	-	-
Bow	E.L.	37074	34	8	3	2	-	-	-	-	-	-	-	-	-	-	-
Bromley	E.L.	64359	66	34	5	8	-	-	-	-	-	-	-	-	-	-	-
Poplar	E.L.	55077	89	20	3	1	-	-	-	2	-	-	-	-	-	-	-
SOUTH DISTRICTS.																	
Christchurch Southwark	L. & S.	13663	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-
St. Saviour Southwark	S.	14999	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Kent-road	S. & L.	21281	15	7	2	1	-	2	-	-	-	-	-	-	-	-	-
Borough-road	S. & L.	15953	16	5	1	1	-	1	-	-	-	-	-	-	-	-	-
London-road	L. & S.	21318	18	5	1	1	-	-	-	-	-	-	-	-	-	-	-
Trinity Newington	S. & L.	26672	27	12	3	4	-	1	-	2	1	-	-	-	-	-	-
St. Peter Walworth	S. & L.	39555	48	25	8	8	-	2	-	2	1	-	-	-	-	-	-
St. Mary Newington	L. & S.	21623	11	13	3	1	-	1	1	-	3	-	-	-	-	-	-
St. Olave	S.	11953	3	8	1	2	-	-	-	-	-	-	-	-	-	-	-
Leather Market	S. & L.	16500	13	7	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Magdalen	S.	15699	17	6	3	1	-	-	-	-	-	-	-	-	-	-	-
St. James Bermondsey	S.	34623	48	15	4	2	-	-	-	-	-	-	-	-	-	-	-
Rotherhithe	S. & K.	36024	21	14	1	4	-	-	2	-	1	-	-	-	-	-	-
Waterloo-road 1st	L. & S.	15195	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 2nd	L. & S.	16351	12	4	2	1	-	-	-	-	-	-	-	-	-	-	-
Lambeth Church 1st	L. & S.	18976	13	15	1	2	-	1	-	2	-	-	-	-	-	-	-
Lambeth Church 2nd	L. & S.	39859	32	25	4	10	-	-	-	-	1	-	-	-	-	-	-
Kennington 1st	S. & L.	45233	30	18	3	8	-	-	-	-	1	-	-	-	-	-	-
Kennington 2nd	S. & L.	35832	20	8	3	2	-	-	-	-	1	-	-	-	-	-	-
Brixton	L. & S.	62837	27	17	1	8	-	1	-	-	-	-	-	-	-	-	-
Norwood	L.	19017	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-
East Battersea	S.	54675	48	13	4	2	-	-	-	-	-	-	-	-	-	-	-
West Battersea	S.	52337	62	38	10	10	-	1	1	-	5	-	-	-	-	-	-
Clapham	S.	36380	32	7	4	1	-	-	-	-	-	-	-	-	-	-	-
Wandsworth	S.	28004	26	20	7	1	-	-	-	-	-	-	-	-	-	-	-
Putney	S.	18235	6	2	-	2	-	-	-	-	-	-	-	-	-	-	-
Streatham	L.	25553	16	7	1	4	-	-	-	-	-	-	-	-	-	-	-
Dulwich	L. & S.	5590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canterwell	S. & L.	59104	38	35	5	12	-	2	1	-	-	-	-	-	-	-	-
Peckham	S. & K.	71089	63	12	2	5	-	-	-	-	-	-	-	-	-	-	-
St. George Camberwell	L. & S.	60810	43	23	11	5	-	-	2	2	-	-	-	-	-	-	-
St. Paul Deptford	K.	76752	53	27	8	3	-	3	6	-	1	-	1	-	-	-	-
St. Nicholas Deptford	K.	7291	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-
Greenwich West	K.	21972	12	13	4	4	-	-	-	-	3	-	-	-	-	-	-
Greenwich East	K.	24603	26	19	4	-	-	5	-	-	-	-	-	-	-	-	-
Eltham	K.	3048	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lee	K.	21559	13	2	1	-	-	-	2	-	-	-	-	-	-	-	-
Lewisham	K.	19865	18	10	3	2	-	-	1	-	-	-	-	-	-	-	-
Sydnam	L.	36076	10	6	1	2	-	-	-	-	-	-	-	-	-	-	-
Charlton	K.	10930	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Dockyard	K.	17617	4	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Woolwich Arsenal	K.	19043	19	5	4	-	-	-	-	-	-	-	-	-	-	-	-
Plumstead, West	K.	14009	14	8	2	1	-	-	2	-	1	-	-	-	-	-	-
Plumstead, East	K.	19241	21	8	4	-	-	-	-	-	-	-	-	-	-	-	-
Metropolitan Asylum Hospitals:																	
Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaistow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are interested in the above Table by :-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Fitzrovia Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-district.
London City " " " and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th May, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area In Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		370,924	950,957	871	356	76	95	-	30	2	3	5	1	2	12	20	48	5	
30:1	Carshalton <i>wL</i> -	12228	21113	11	9	-	1	-	1	-	-	-	-	-	-	-	7	-	
2	Epsom (part of)* <i>WwH</i>	9971	10710	8	3	-	1	-	-	-	-	-	-	-	-	-	2	-	
37:1	Godstone (part of) * -	2764	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHL</i> -	20651	101241	70	40	7	9	-	-	-	-	1	-	-	-	-	7	-	
2	Mitcham <i>w†</i> -	11697	17982	20	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	3220	15950	10	5	2	2	-	-	-	1	-	-	-	-	-	1	-	
2	Kingston <i>WHH</i> -	3549	36354	26	17	2	8	-	2	-	-	-	-	-	1	3	9	-	
3	Esher (part of) * -	6901	9221	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13339	12	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond <i>WH</i> -	2372	21302	16	5	1	3	-	-	-	-	-	-	-	-	-	-	-	
2	Mortlake -	2941	12331	12	9	4	2	-	-	-	-	-	-	-	1	1	-	-	
41:1	Bromley (pt. of) * <i>HH</i>	15669	81142	26	15	3	3	-	-	-	-	1	-	-	2	2	-	-	
2	Chislehurst (pt. of) * <i>WHH</i>	14307	15844	22	10	4	1	-	-	-	-	-	-	-	-	-	1	-	
42:1	Bexley <i>H</i> -	13437	24134	19	7	2	1	-	3	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury <i>w</i> -	11055	11685	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	10	5	-	4	-	-	-	-	-	-	-	-	-	3	-	
125:1	Hillingdon <i>WHH</i> -	6029	10802	7	4	-	1	-	-	-	-	-	-	-	-	1	-	-	
2	Uxbridge -	6173	5225	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11623	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
126:1	Isleworth <i>WHH</i> -	7003	22727	15	4	2	1	-	-	-	-	-	-	1	1	1	-	-	
2	Twickenham <i>H</i> -	2477	12479	9	5	1	-	-	1	-	-	-	-	-	1	1	-	-	
3	Brentford <i>HL</i> -	4845	27649	14	9	3	3	-	-	-	-	1	-	-	-	-	-	-	
4	Chiswick -	1340	15975	13	5	3	-	-	-	-	-	-	-	-	1	1	-	-	
5	Acton <i>wH</i> -	6083	22376	23	20	7	8	-	8	-	-	1	-	-	-	1	-	-	
127:1	Harrow <i>H</i> -	13809	12798	8	5	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willersden -	4383	27453	23	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8382	10494	10	7	1	1	-	-	-	-	-	-	-	-	-	-	1	
137:1	Bushey -	9331	6621	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
138:1	South Mimms -	15999	6391	2	2	-	1	-	-	-	-	-	-	-	1	1	-	-	
2	Barnet -	5433	10092	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4688	17615	15	11	1	3	-	-	-	-	-	-	-	-	-	9	-	
135:1	Hatfield (part of) * -	3306	593	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Hornsey <i>H</i> -	3039	37078	31	8	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Tottenham <i>H</i> -	4642	46456	65	21	6	7	-	-	-	-	-	-	-	1	2	-	1	
3	Edmonton <i>Ww†</i> -	7453	23463	23	15	1	1	-	5	-	-	-	-	1	1	2	1	-	
4	Enfield <i>WH</i> -	12653	19104	20	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5363	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8490	7735	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford -	862	38605	38	16	4	1	-	4	-	-	-	1	-	-	1	-	-	
2	West Ham <i>wowwH‡</i> -	7351	101053	133	35	9	9	-	2	1	-	-	-	-	1	1	-	1	
3	Leyton <i>WwL</i> -	4372	32430	45	20	2	10	-	1	-	1	-	-	-	-	-	3	2	
4	Walthamstow <i>H</i> -	6520	28859	39	14	5	2	-	3	1	1	1	-	-	-	-	-	-	
137:1	Chigwell (part of) * <i>H</i>	11761	9639	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Romford (part of) * <i>W</i>	6730	3411	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	3493	7645	9	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	11	1	-	-	-	-	-	-	-	-	-	1	1	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1205); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 38:3, Esher sub-district, except the parishes of Ashstead and Headley (pop. 1205); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chislehurst sub-district, except the parish of Theobald Bois (pop. 875); 138:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford; 137:2, Watford, and 187:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 4th May, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	16·1	2·0	1742	385	405	-	93	17	24	60	8	14	67	363		
INNER LONDON -	77,410	4,351,738	16·0	2·1	1336	309	310	-	63	15	21	53	7	12	53	315		
OUTER RING -	370,924	1,290,277	14·4	1·7	356	76	95	-	30	2	3	5	1	2	12	48		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,567,002 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	March 16	-	194	23·3	2	-	-	1	-	65	35†	
BOMBAY	773,196	April 9	229	473	27·1	17	31	-	-	-	164	36†	
MADRAS	398,777	March 22	-	-	-	-	-	-	-	-	-	-	
PARIS	2,260,945	April 27	1181	1055	24·3	5	14	2	37*	14	10	58	
BRUSSELS (with 8 Faubourgs.)	471,606	" 27	291	203	22·0	1	1	-	-	3	1	16	
AMSTERDAM	390,016	" 27	233	171	22·2	-	6	-	3	3	1	-	
ROTTERDAM	197,723	" 27	141	80	21·0	-	1	3	-	-	-	-	
THE HAGUE	153,440	" 27	98	60	20·3	-	-	-	-	2	-	-	
COPENHAGEN	307,000	" 20	198	137	23·3	-	-	-	4	7	-	5	
STOCKHOLM	221,549	" 20	120	61	13·9	-	-	-	2*	1	-	4	
CHRISTIANIA	138,301	" 27	76	61	22·9	-	-	2	4	3	-	3	
ST. PETERSBURG	842,883	" 20	-	594	36·8	1	1	10	10	6	13	89	
BERLIN	1,470,582	" 13	904	654	23·1	-	3	1	19	14	4	81	
HAMBURG (State)	650,694	" 20	379	243	23·0	-	-	3	2*	4	2	11	
DRESDEN	264,196	" 20	151	108	21·3	?	1	-	6*	?	-	4	
BRESLAU	313,461	" 27	210	206	34·3	-	2	-	11*	2	1	14	
MUNICH	281,000	" 20	214	176	32·6	-	4	4	6*	1	1	20	
VIENNA	811,434	" 20	519	337	24·8	-	9	1	6	3	2	22	
PRAGUE	304,356	" 20	-	201	34·5	9	1	1	8	1	4	3	
BUDA-PESTH	452,907	" 20	344	256	29·4	-	-	-	4	2	2	14	
TRIESTE	158,084	" 20	-	81	26·6	-	-	-	2*	-	-	2	
ROME	401,044	March 16	273	213	27·6	-	9	-	5	2	4†	13	
TURIN (11 days)	306,393	" 31	270	230	24·9	1	1	-	2	5	2	10	
VENICE	153,375	April 20	88	69	23·5	1	1	-	1	1	1	4	
CAIRO	374,333	" 11	353	347	48·3	4	2	-	-	6	21	116	
ALEXANDRIA	231,396	" 11	201	195	44·0	-	15	-	-	-	8	50	
NEW YORK	1,549,500	" 13	-	861	29·0	-	19	54	60	21	5	13	
BROOKLYN	814,505	" 13	-	384	24·4	-	14	13	25	3	-	3	
PHILADELPHIA	1,040,245	" 13	-	421	21·1	-	-	5	5	3	11	6	
BALTIMORE	500,343	" 13	-	157	16·4	-	-	3	3	1	1	1	

* Including deaths from croup.

† Including 23 deaths from cholera in Calcutta, and 2 in Bombay.

‡ These 4 deaths were caused by malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 4TH MAY, 1889.

[Under the Superintendence of the Astronomer Royal.]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TEMPERATURE.										Wind as deduced from Anemometers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1889.		Phases of the Moon.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Rain collected in a Gauge whose vertical scale is 5 inches above the level of the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
MONTH AND DAY.				Of the Air.		Of the Dew Point.		Difference between the Air Temperature and Dew Point Temperature.		Degree of Humidity (Sat. = 100).		Of Radiation.		Of the Water in the Thames at Deptford.		General Direction.		Pressure on the Square Foot.		Horizontal Movement of the Air in 10 Miles.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Mean daily value.		Mean daily value.		Mean daily value.		Least.		High. est.		Low. est.		A.M.		P.M.		Greatest.		Mean of 24 hours.		Departure from Average in 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
13th May, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·8 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 20.	Apr. 27.	May 4.	May 11.		Apr. 20.	Apr. 27.	May 4.	May 11.
Birkenhead	14·2	18·8	19·8	20·4	Liverpool -	21·0	19·6	21·9	19·1
Birmingham	19·4	18·7	16·3	18·6	London -	17·1	17·5	16·6	15·5
Blackburn -	28·0	23·2	32·3	25·0	Manchester -	28·6	28·5	28·4	31·5
Bolton -	21·8	20·0	28·7	28·7	Newcastle-on-Tyne*	25·6	25·3	23·7	24·0
Bradford*	20·4	18·4	18·4	23·1	Norwich -	16·6	27·1	21·0	22·1
Brighton -	12·0	12·4	22·3	15·9	Nottingham -	19·7	15·8	20·6	17·1
Bristol -	18·7	18·0	18·0	17·1	Oldham -	24·6	19·4	29·3	25·3
Cardiff*	23·1	17·6	19·4	14·8	Plymouth -	26·0	30·0	30·0	22·0
Derby -	17·5	15·4	18·5	16·4	Portsmouth -	19·9	16·3	16·6	17·4
Halifax -	16·7	22·5	25·7	32·2	Preston -	37·6	38·6	29·5	31·5
Huddersfield	21·9	24·2	21·4	19·7	Salford* -	24·1	19·8	19·2	21·2
Hull -	18·3	24·6	19·6	23·6	Sheffield -	19·3	19·1	22·3	19·5
Leeds -	23·6	27·2	25·3	23·6	Sunderland -	17·1	14·0	19·8	17·5
Leicester*	13·9	16·3	13·2	16·6	Wolverhampton -	17·1	25·9	15·2	22·1

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·9 in Leeds, 3·2 in Bolton, 3·3 in Manchester, 3·5 in Hull, 3·9 in Halifax, and 5·5 in Preston; from *scarlet fever*, 1·1 in Sheffield, 1·3 in Plymouth, 1·4 in Bolton, and 1·6 in Salford; and from *whooping-cough*, 2·2 in Bradford, 2·9 in Oldham, 3·0 in Preston, and 3·6 in Birkenhead. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 33 deaths from *diphtheria* in these towns included 23 in London, 2 in Portsmouth, 2 in Bolton, 2 in Manchester, and 2 in Salford. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2565 BIRTHS and 1295 DEATHS were registered. Allowing for increase of population, the births were 249, and the deaths 312, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the five preceding weeks from 18·8 to 16·6, further fell last week to 15·5, and was lower than in any previous week of this year. During the first six weeks of the current quarter the death-rate averaged 17·2 per 1000, and was 3·5 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1295 deaths included 60 from measles, 10 from scarlet fever, 23 from diphtheria, 37 from whooping-cough, 5 from enteric fever, 4 from ill-defined forms of continued fever, 10 from diarrhœa and dysentery, and not one from small-pox, typhus, or cholera; thus, 149 deaths were referred to these diseases, being 74 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths of 2 infants were attributed to chicken-pox. The deaths from *measles*, which had been 65 and 68 in the two preceding weeks, declined last week to 60, and were 4 below the corrected average; 6 belonged to Westminster, 4 to Islington, 5 to St. George Southwark, 4 to Newington, and 7 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 9 and 15 in the two previous weeks, declined again last week to 10, and were 15 below the corrected average; 2 belonged to Stepney and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 610 scarlet fever patients, against 570, 581, and 617 on the three preceding Saturdays; 58 cases were admitted to these hospitals during the week, against 53 and 70 in the two previous weeks. The deaths from *diphtheria*, which had been 29 and 21 in the two preceding weeks, were last week 23, and exceeded the corrected average by 9; 3 belonged to Kensington, 3 to Hackney, 2 to Mile End Old Town, and 2 to Lambeth sanitary areas. The fatal cases of *whooping-cough* showed a decline of 18 from the number in the previous week, and were 41 below the corrected average; 3 belonged to Chelsea, 3 to Pancras, 4 to Islington, 3 to Poplar, 4 to Camberwell, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 18 and 12 in the two previous weeks, further declined last week to 10; and were 3 below the corrected average; 7 were of infants aged under one year.

The 5 deaths referred to *enteric fever*, corresponded with the number in the previous week, and were but half the corrected average. The death of a child, aged 2 years, in Pancras was attributed to remittent fever; the deaths of two infants and of a female, aged 17 years, were indefinitely referred to febricula; and that of a female, aged 70 years, to continued fever. The death of a soldier, aged 19 years, in the Herbert Hospital was referred to "cerebro-spinal fever, 7 days." The Metropolitan Asylum Hospitals contained 13 cases of enteric fever and 2 of typhus on Saturday last; only one case of enteric fever was admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 305 and 242 in the two preceding weeks, further declined last week to 213, and were 124 below the corrected weekly average.

Different forms of violence caused 66 deaths; 52 were the result of negligence or accident, among which were 23 from fractures and contusions, 3 from burns and scalds, 9 from drowning, 1 of a sign-writer from lead-poisoning, and 13 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—11 (1 intox.) by accidents from vehicles in the streets; 1 by accident on railway; 1 by fall of crane; 1 by fall through skylight; 1 by fall from second floor; 1 by fall from ladder; 1 by fall from roof; 4 by fall down stairs; 1 by fall in room; and 1 by fracture, the nature of which was not stated. An inquest was held in each of these 23 cases except the last 2. Thirteen cases of suicide were registered during the week, exceeding the corrected average by 3.

GREATER LONDON.

In Greater London 3407 births and 1649 deaths were registered, corresponding to annual rates of 31·5 and 15·3 per 1000 of the estimated population. In the Outer Ring 15 deaths from measles, 7 from diphtheria, 6 from whooping-cough, and 5 from "fever" were registered. The fatal cases of measles included 5 in Acton and 5 in Edmonton sub-districts; and 2 deaths from "fever" were recorded in Mortlake sub-district, and 2 from diphtheria in Tottenham sub-district.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during April will be found on pages 191-2.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·62 ins.; the highest reading was 29·74 ins. at the beginning of the week, and the lowest 29·49 ins. on Thursday afternoon. The mean temperature of the *air* was 57°·7, and 7°·1 above the average in the corresponding weeks of the 20 years ending 1868. The mean considerably exceeded the average on each of the first six days of the week, while on Saturday it fell below the average. The direction of the *wind* was variable. *Rain* fell on four days of the week, to the aggregate amount of 0·71 of an inch. The duration of registered bright sunshine in the week was 37·5 hours, against 24·7 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of APRIL 1889; according to their returns 156,329,633 gallons or 710,277 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 209 gallons (95·0 decalitres), rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 26·7 gallons (12·1 decalitres) to each person, corresponding with the amount supplied during April 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	APRIL. 1888.	APRIL. 1889.	APRIL. 1888.	APRIL. 1889.
TOTAL SUPPLY	736,622	749,655	153,608,044	156,329,635
From Thames	354,964	361,408	77,325,367	77,407,914
From Lea and from other Sources	381,658	388,247	76,282,677	78,921,719
THAMES.				
Chelsea	34,474	34,881	9,048,072	9,021,881
West Middlesex	70,217	71,541	14,242,916	14,188,616
Southwark and Vauxhall	109,242	110,854	22,339,248	22,230,205
Grand Junction	54,070	55,325	15,705,331	16,016,012
Lambeth	86,961	88,807	15,989,800	16,047,200
LEA AND OTHER SOURCES.				
New River	150,060	152,171	27,526,000	29,474,000
East London	161,137	164,357	27,559,425	28,021,132
Kent	70,461	71,719	11,197,252	11,336,587

Note.—The Return for April 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,033 houses, and of 2,721,589 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING APRIL.

*Water-analysis Laboratory, The Yews, Reigate,
30th April, 1889.*

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of April.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·4, Tottenham 1·2, New River 1·4, Colne Valley 1·5, Grand Junction 1·8, Lambeth 2·3, Southwark 2·6, East London 3·0, and Chelsea and West Middlesex 3·3.

Of the Thames water that sent out by the Grand Junction Company was again distinguished by its comparatively high degree of organic purity, whilst the water delivered by the Chelsea and West Middlesex Companies, though of better quality than last month, contained nearly twice as much organic matter. All these waters were efficiently filtered before delivery.

Of the water chiefly drawn from the River Lea, that supplied by the New River Company, was of better quality than the best of the Thames waters, whilst that derived by the East London Company contained nearly as much organic matter as the worst of the Thames waters. Both waters were efficiently filtered by the respective Companies.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity; the Kent Company's water being especially distinguished in this respect. The Colne Valley Company's waters was softened before delivery, and was thus rendered suitable for washing. These waters require no filtration. They were clear and bright.

Seen through a stratum two feet deep, the waters presented the following appearances :— Kent, Colne Valley, and Tottenham, clear and colourless ; New River, clear and nearly colourless ; remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "turbid. Its physical characters indicate defective filtration, and the organic matter (principally of vegetable origin) is greater than it has been for a very long time."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.										
	Chelsea . . .	April 2nd, Cab Rank, Horse Guards, Whitehall.	7.3	28.44	.160	.033	0	.252	.285	1.8	18.9
	West Middlesex . .	April 2nd, Cab Rank, Portland-road.	8.4	29.02	.156	.038	0	.250	.297	1.8	19.4
	Southwark . . .	April 2nd, Cab Rank, Bricklayers Arms, Old Kent-road.	8.3	30.94	.124	.027	0	.230	.266	1.8	20.6
	Grand Junction . .	April 2nd, Cab Rank, Uxbridge-road, near Marble Arch.	8.2	30.46	.080	.024	0	.286	.310	1.8	20.9
	Lambeth . . .	April 2nd, Cab Rank, St. George's- road, Southwark.	8.2	31.30	.114	.024	0	.281	.305	1.8	21.5
Outer Circle.	LEA.										
	New River . . .	April 2nd, Cab Rank, Tottenham Court-road.	8.4	29.50	.064	.016	0	.277	.293	1.9	20.0
	East London . . .	April 2nd, Fire Brigade Station, Commercial-road, E.	8.2	34.76	.147	.032	0	.275	.307	2.1	21.5
	DEEP WELLS.										
	Kent . . .	April 2nd, Mill Lane, Deptford.	11.6	43.80	.014	.007	0	.500	.507	2.6	30.3
	Colne Valley . . .	April 9th, Bushey.	—	17.90	.072	.016	0	.347	.363	2.1	6.9
Outer Circle.	Tottenham . . .	April 8th, Tottenham.	—	40.82	.048	.021	.060	trace	.070	2.8	22.1
	Corporation of Birm- ingham* . . .	April 1st, 12, Court, New Canal St.	9.0	30.82	.286	.052	.001	.182	.185	1.5	17.5
Outer Circle.	Corporation of Glasgow†.	April 15th, Loch Katrine Water.	5.8	2.70	.119	.037	0	.004	.041	0.7	0.95
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 2nd April at the Horse Guards cab-rank, had a temperature of 7.3°C.; 100,000 lbs. of it contained 28.44 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained .160 lb. of carbon and .033 lb. of nitrogen. The above quantity of water also contained no ammonia, and .252 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .285 lb. The above weight of water also contained 1.8 lbs. of soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 11th May, 1889.

CITIES AND BOROUGH.	Registered during the Week ending 11th May, 1889.				The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGH.	
	1.	2.	3.	4.	Deaths of Persons aged 1 Year of Age.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	From All Causes.		From 12 to 17.		Fahrenheit.	Centigrade.	Mean.	In Inches.	In Centi- metres.		
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.												From All Causes.	From 12 to 17.	Lowest.	Highest.							
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.
28 TOWNS.	9,555,406	5821	3438	827	699	-	170	46	33	114	20	31	131	242	540	72	18'8	2'3	74'2	39'3	54'0	12'22	0'71	1'80	-	28 TOWNS.		
LONDON.	4,351,738	2685	1295	287	302	-	60	10	23	37	9	10	66	125	310	17	15'5	1'8	74'2	47'7	57'7	14'28	0'71	1'80	-	LONDON.		
BRIGHTON.	121,807	60	37	7	10	-	-	-	-	1	-	-	-	-	4	2	15'9	0'9	71'0	48'0	56'0	13'33	0'02	0'05	-	BRIGHTON.		
PORTSMOUTH.	141,253	115	47	10	7	-	-	-	2	1	-	1	4	6	5	1	17'4	1'5	-	-	-	-	-	-	-	PORTSMOUTH.		
NORWICH.	94,510	62	40	10	13	-	-	-	-	-	-	-	-	-	-	-	22'1	0'6	-	-	-	-	-	-	-	NORWICH.		
PLYMOUTH.	78,225	41	33	8	8	-	4	2	-	-	-	2	1	1	2	-	22'0	2'7	67'0	41'3	52'6	11'39	0'54	1'37	-	PLYMOUTH.		
BRISTOL.	229,351	146	75	16	24	-	-	4	2	3	-	-	1	3	6	-	17'1	2'0	70'8	44'5	53'7	12'06	0'37	0'94	-	BRISTOL.		
WOLVERHAMPTON.	82,544	35	35	4	11	-	-	-	1	-	-	1	3	5	5	-	22'1	1'3	73'0	39'3	54'1	12'28	1'26	3'20	-	WOLVERHAMPTON.		
BIRMINGHAM.	454,835	303	162	51	29	-	4	2	-	7	-	3	13	18	14	8	18'6	1'8	-	-	-	-	-	-	-	BIRMINGHAM.		
LEICESTER.	150,520	95	48	13	10	-	-	-	-	1	1	1	1	3	5	2	16'6	1'0	-	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM.	237,812	131	78	19	10	-	1	-	-	3	2	1	1	5	8	1	17'1	1'5	70'8	46'4	55'5	13'06	1'17	2'97	-	NOTTINGHAM.		
DERBY.	98,520	48	31	7	11	-	-	-	-	-	-	-	1	1	5	2	16'4	0'5	-	-	-	-	-	-	-	DERBY.		
BIRKENHEAD.	102,511	61	40	9	11	-	2	1	-	7	-	-	2	2	2	-	20'4	5'1	-	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL.	606,562	352	222	50	35	-	7	6	-	4	-	1	13	16	43	12	19'1	1'5	71'0	46'7	51'4	12'44	1'36	3'45	-	LIVERPOOL.		
BOLTON.	114,670	73	63	18	8	-	7	3	2	-	-	1	2	2	2	4	28'7	6'4	-	-	-	-	-	-	-	BOLTON.		
MANCHESTER.	378,800	271	229	49	39	-	24	1	2	3	3	2	3	12	41	2	31'5	4'8	-	-	-	-	-	-	-	MANCHESTER.		
SALFORD.	234,253	133	95	27	12	-	3	7	2	3	1	-	1	1	13	4	21'2	3'6	-	-	-	-	-	-	-	SALFORD.		
OLDHAM.	142,405	76	69	18	9	-	2	-	-	8	1	1	2	5	7	3	25'3	4'8	-	-	-	-	-	-	-	OLDHAM.		
BLACKBURN.	121,275	69	58	23	4	-	-	-	-	-	-	-	1	1	3	2	25'0	0'9	-	-	-	-	-	-	-	BLACKBURN.		
PRESTON.	104,194	69	63	25	9	-	11	-	-	6	-	-	2	2	3	-	31'5	8'5	-	-	-	-	-	-	-	PRESTON.		
HUDDERSFIELD.	92,825	49	35	5	12	-	1	1	-	-	-	-	1	1	4	3	19'7	1'7	-	-	-	-	-	-	-	HUDDERSFIELD.		
HALIFAX.	81,080	43	50	10	11	-	6	-	-	-	-	-	-	-	4	1	32'2	3'9	-	-	-	-	-	-	-	HALIFAX.		
BRADFORD.	235,056	123	104	29	26	-	1	-	1	10	-	1	2	6	8	1	23'1	2'9	68'8	47'8	55'2	12'89	0'48	1'22	-	BRADFORD.		
LEEDS.	357,449	257	162	43	35	-	13	-	-	3	-	-	1	3	8	2	23'6	2'5	-	-	-	-	-	-	-	LEEDS.		
SHEFFIELD.	327,227	213	122	30	20	-	7	7	-	5	1	1	5	6	5	3	23'6	4'8	67'0	40'0	49'9	9'84	0'96	2'44	-	SHEFFIELD.		
HULL.	208,017	151	94	23	16	-	14	-	-	4	-	-	1	5	6	-	17'5	1'6	-	-	-	-	-	-	-	HULL.		
SUNDERLAND.	134,163	95	45	10	7	-	-	2	-	1	1	-	-	2	1	-	24'0	2'3	62'0	42'0	51'3	10'72	0'21	0'53	-	SUNDERLAND.		
NEWCASTLE.	160,938	128	74	19	15	-	2	1	-	3	-	1	4	4	9	2	14'8	0'5	-	-	-	-	-	-	-	NEWCASTLE.		
CARDIFF.	112,712	57	32	7	5	-	-	-	-	1	-	-	-	2	5	-	14'8	0'5	-	-	-	-	-	-	-	CARDIFF.		
EDINBURGH.	266,900	169	90	11	23	-	-	-	2	4	3	-	6	?	20	19	17'6	1'3	62'5	42'3	50'0	10'00	0'24	0'61	-	EDINBURGH.		
GLASGOW.	528,144	381	253	52	27	-	14	-	4	3	23	1	9	9	34	24	25'0	4'4	64'4	43'2	53'2	11'78	1'35	3'38	-	GLASGOW.		
DUBLIN.	353,082	189	185	29	51	-	-	2	-	3	3	1	4	3	57	18	27'3	1'3	62'4	34'7	51'6	10'80	0'98	2'40	-	DUBLIN.		

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the NINETEENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2520	2687	2561	2569	2637	2811	2544	2424	2481	2574	2814.8	2535
Males . .	1908	1377	1348	1305	1335	1891	1318	1244	1263	1303	1438.6	1264
Females .	1217	1310	1213	1264	1302	1420	1226	1180	1218	1266	1375.7	1301
TOTAL Deaths	1582	1389	1427	1433	1653	1586	1496	1414	1395	1860	1606.8	1295
Males . .	852	698	727	705	863	819	784	703	731	715	829.0	619
Females .	730	691	700	728	785	767	712	711	664	645	777.8	676

* The numbers in this column are the average weekly numbers in the nineteenth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.
TOTAL Births - -	2511	2695	2609	2698	2699	2670	2808	2676	2509	2488	2522	2712	2565
TOTAL Deaths - -	1516	1567	1472	1637	1638	1554	1476	1572	1493	1426	1462	1386	1295
Ages at Death													
{ 0–20 years -	655	666	681	695	719	666	642	729	671	670	708	626	577
{ 20–40 „ -	182	202	153	175	188	165	200	175	183	174	171	184	175
{ 40–60 „ -	279	278	254	309	298	274	274	237	266	214	256	266	251
{ 60–80 „ -	322	337	314	391	357	366	287	305	310	299	264	258	245
{ at 80 years & upwds. -	78	84	70	67	76	83	73	76	63	69	63	52	47
„ { Under 1 year -	326	344	349	322	362	317	316	368	322	299	361	309	287
 { 1–5 -	247	233	257	277	249	276	242	261	251	279	273	246	218
 { 5–20 -	82	84	75	96	108	73	84	100	98	92	74	71	72
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
„ „ Measles -	43	70	67	76	60	84	56	74	72	70	65	68	60
„ „ Scarlet fever -	16	14	12	16	16	6	11	15	13	10	9	15	10
„ „ Diphtheria -	24	27	25	20	31	23	18	26	36	22	29	21	23
„ „ Whooping-cough -	31	31	31	29	37	42	51	49	43	51	56	55	37
„ „ Typhus -	-	1	1	-	-	-	-	-	1	-	-	-	-
„ „ Enteric fever -	18	8	6	4	6	4	8	9	10	6	3	5	5
„ „ Simple Cont'g fever -	-	-	-	3	-	-	-	-	1	-	1	2	4
„ „ Diarrhoea and Dysentery -	10	16	18	15	14	18	9	17	11	10	18	12	10
„ „ Cholera -	1	-	-	-	2	-	-	-	-	-	-	-	-
„ „ all the above-mentioned Diseases -	138	167	160	163	166	177	153	190	187	169	181	178	149
„ „ Dis. of Respiratory System -	376	362	362	402	396	378	332	364	294	300	305	242	213
„ „ Phthisis -	158	156	127	161	162	139	153	170	152	128	164	143	125
„ „ Dis. of Circulatory System -	120	130	116	150	157	127	153	146	135	93	119	154	134
Violent Deaths - -	44	65	57	52	68	53	52	69	68	57	69	55	66
Inquest Cases - -	98	114	118	114	127	111	125	130	130	111	116	107	125
Deaths in Public Institutions	375	353	353	395	378	365	354	340	325	315	331	315	310
TEMPERATURE OF THE AIR													
Mean -	34.3	41.4	32.8	37.4	38.8	42.5	45.6	43.5	43.5	46.5	47.5	50.8	57.7
Mean of Highest readings -	40.9	47.3	37.7	46.3	46.8	50.3	54.6	51.8	50.4	55.3	57.8	61.9	67.9
Mean of Lowest readings -	27.1	36.2	29.8	28.9	31.2	35.7	38.6	37.4	38.6	39.8	39.1	41.5	49.1
Humidity of the Air - -	84	81	83	75	80	80	81	78	90	84	80	79	77
Rain-fall in inches - -	1.19	0.05	0.13	0.54	0.04	0.53	0.11	0.27	0.56	0.10	0.75	0.79	0.71
Registered Sunshine (in hours)	8.7	14.9	7.6	26.0	14.8	18.4	14.3	21.3	8.6	12.5	31.3	39.8	37.5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. B. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 19th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 11th May 1889.										CAUSES OF DEATH.	Corrected Averages for the 19th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 11th May 1889.																	
		Deaths of Persons of the Ages												Deaths of Persons of the Ages																	
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.					ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.										
			0-1.	1-5.	5-20.										0-1.	1-5.	5-20.														
ALL CAUSES - -	1606.8	1295	287	218	72	175	251	245	47		Diseases of Organs of Special Sense † - -	2.1	1	-	1	-	-	-	-	-		Diseases of Circulatory System - -	108.0	134	2	-	5	21	49	51	6
Small-pox { Vaccinated † - -	17.3	-	-	-	-	-	-	-	-		Croup - - - - -	11.3	3	-	2	1	-	-	-	-		Pneumonia - - - - -	180.9	109	41	23	1	12	23	5	5
Unvaccinated † - -		-	-	-	-	-	-	-	-		Enteritis - - - - -	98.4	76	16	23	2	5	17	12	1		Pleurisy - - - - -	6.4	6	1	2	-	1	1	1	1
No Statement - - -		-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - -	30.4	19	3	4	1	1	4	3	3		Dentition † - - - - -	18.1	11	5	6	-	-	-	-	-
Measles - - - - -	63.7	60	11	44	4	1	-	-	-		Quinsy, Sore Throat † - -	2.0	1	-	1	-	-	-	-	-		Peritonitis - - - - -	5.9	6	1	-	3	-	1	1	-
Scarlet Fever - - -	25.0	10	1	5	4	-	-	-	-		Diseases of Liver - - -	33.9	30	-	-	1	4	13	10	2		Other Diseases of Digestive System - }	29.4	22	4	1	2	2	6	6	1
Typhus - - - - -	0.4	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - -	0.6	-	-	-	-	-	-	-		Diseases of Urinary System - -	39.1	38	1	-	3	9	13	10	2	
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-		Diseases of Generative System - - - -	5.2	8	-	-	-	2	4	2		Accidents of Childbirth -	3.9	3	-	-	-	3	-	-	-	
Influenza - - - - -	0.0	-	-	-	-	-	-	-	-		Diseases of Locomotive System † - - -	7.9	2	-	-	1	-	-	1	-		Diseases of Integumentary System - -	5.2	7	3	-	1	-	-	3	-
Whooping-cough - -	78.3	37	17	20	-	-	-	-	-		VIOLENT DEATHS. ‡										ACCIDENT.)										
Diphtheria - - - -	14.3	23	2	17	3	1	-	-	-		Fracture and Contusion	18.2	23	-	1	5	4	5	6	2		Gunshot Wound - - -	0.1	-	-	-	-	-	-	-	-
Simple Continued and Ill-defined Fever - }	1.1	4	1	1	1	-	-	1	-		Cut, Stab - - - - -	0.3	-	-	-	-	-	-	-		Cut, Stab - - - - -	1.7	1	-	-	-	-	1	1	-	
Enteric Fever - - -	9.6	5	-	-	2	2	1	-	-		Burn and Scald - - -	4.6	3	1	1	-	-	-	1	-		Poison - - - - -	0.8	1	-	-	1	-	-	-	-
Cholera - - - - -	0.2	-	-	-	-	-	-	-	-		Drowning - - - - -	6.4	9	-	-	1	4	3	1	-		Drowning - - - - -	2.4	5	-	-	-	3	1	1	-
Diarrhoea, Dysentery	13.0	10	7	1	-	-	-	2	-		Suffocation - - - -	11.3	14	13	1	-	-	-	-	-		Otherwise - - - - -	2.8	2	1	-	-	-	1	-	-
Remittent Fever † -	0.8	1	-	1	-	-	-	-	-		(HOMICIDE.)										Murder & Manslaughter	1.4	1	-	-	-	-	1	-	-	
Hydrophobia - - -	0.0	-	-	-	-	-	-	-	-		(SUICIDE.)										Gunshot Wound - - -	0.8	2	-	-	-	-	1	1	-	
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-		Cut, Stab - - - - -	1.7	1	-	-	-	-	-	1	-		Cut, Stab - - - - -	2.5	1	-	-	-	-	-	1	-
Cowpox and Effects of Vaccination † - - }	0.0	-	-	-	-	-	-	-	-		Poison - - - - -	2.4	5	-	-	-	-	-	-	-		Drowning - - - - -	2.4	5	-	-	-	-	-	1	-
Veneral Affections -	9.8	6	1	1	-	2	1	1	-		Hanging - - - - -	1.5	2	-	-	-	-	-	-	-		Hanging - - - - -	1.5	2	-	-	-	-	-	1	-
Erysipelas - - - -	5.5	1	-	-	-	1	-	-	-		Otherwise - - - - -	0.9	2	-	-	-	-	-	-	-		Otherwise - - - - -	0.9	2	-	-	-	-	-	1	-
Pyæmia and Septicæmia †	3.3	1	-	1	-	-	-	-	-		(EXECUTION.)										Hanging - - - - -	0.1	-	-	-	-	-	-	-	-	
Puerperal Fever - -	5.2	7	-	-	-	6	1	-	-		OTHER CAUSES † - -	59.2	32	25	5	-	-	1	1	-											
Other Zymotic Diseases †	2.4	4	2	-	1	-	1	-	-																						
Thrush - - - - -	1.7	-	-	-	-	-	-	-	-																						
Worms and other Parasitical Diseases - - }	0.5	1	-	-	-	1	-	-	-																						
Starvation, Want of Breast-milk † - - }	1.2	1	1	-	-	-	-	-	-																						
Alcoholism - - - -	4.8	10	-	-	-	4	5	1	-																						
Rheumatic Fever, Rheumatism of Heart †	7.5	6	-	-	1	4	-	1	-																						
Rheumatism † - - -	2.7	1	-	-	-	-	1	-	-																						
Gout - - - - -	3.2	2	-	-	-	-	1	1	-																						
Rickets † - - - - -	4.3	4	2	2	-	-	-	-	-																						
Cancer - - - - -	54.1	66	1	1	2	3	30	23	1																						
Tabs Mesenterica - -	28.3	20	10	8	1	-	1	-	-																						
Tubercular Meningitis	33.7	28	9	15	4	-	-	-	-																						
Phthisis - - - - -	170.3	125	3	1	11	63	44	3	-																						
Scrofula, Tuberculosis	13.1	15	4	5	3	2	1	-	-																						
Other Constitutional Diseases † - - }	12.5	16	1	1	3	4	1	6	-																						
Premature Birth - - -	89.5	28	28	-	-	-	-	-	-																						
Atelectasis † - - - -	2.4	2	2	-	-	-	-	-	-																						
Congenital Malformations - }	5.9	8	7	-	1	-	-	-	-																						
Old Age - - - - -	48.8	34	-	-	-	-	-	17	17																						
Apoplexy - - - - -	46.6	45	1	1	-	4	14	21	4																						
Epilepsy - - - - -	6.9	9	1	-	-	4	1	3	-																						
Convulsions - - - -	50.4	42	37	5	-	-	-	-	-																						
Other Diseases of Brain and Nervous System }	33.9	80	19	13	4	9	9	23	3																						

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When a medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SOA during the Week en

REGISTRATION		The DEATHS registered in the Week include												
SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from							
					Infants under 1 Year of Age.	Persons aged 40 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.
LONDON		3,815,704	2565	1295	287	292	-	60	10	23	37	-	5	4
West Districts		681,483	394	250	46	52	-	11	2	4	8	-	-	2
North Districts		905,947	531	285	49	68	-	10	-	8	7	-	3	1
Central Districts		282,238	148	85	15	14	-	2	-	4	2	-	-	6
East Districts		692,738	481	235	53	53	-	10	2	4	4	-	1	1
South Districts		1,262,148	960	460	121	105	-	27	6	3	16	-	2	3
METROPOLITAN ASYLUM FOR FETTERS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-
West Districts.														
St. Mary Paddington WHH G.J. & W.M.		69888	36	27	8	9	-	-	-	-	-	-	-	1
St. John Paddington H - - - G.J.		87380	11	13	2	1	-	-	-	-	-	-	-	2
Kensington Town Ww - - - W.M.		120141	50	26	7	8	-	-	-	-	-	-	-	2
Brompton H - - - W.M. & C.		43010	14	14	1	2	-	-	-	-	-	-	-	1
St. Peter Hammersmith - - - W.M.		7599	5	2	-	2	-	-	-	-	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.		64340	62	27	5	7	-	2	2	1	1	-	-	1
Fulham Ww - - - W.M. & C.		42900	71	23	8	5	-	-	-	-	-	-	-	-
Chelsea South HHH - - - C.		6896	21	10	3	-	-	-	-	-	2	-	-	1
Chelsea North-west WHHHHH - - - C.		24925	12	12	-	2	-	-	-	-	1	-	-	-
Chelsea North-east - - - C.		32807	16	6	1	2	-	-	-	-	-	-	-	-
May Fair WW - - - G.J.		80353	6	18	1	6	-	-	-	-	-	-	-	-
Belgrave WHH - - - C.		52220	27	18	2	3	-	2	-	-	-	-	-	2
St. John Westminster HHH - - - C.		35496	22	15	4	2	-	6	-	-	1	-	-	1
St. Margaret Westminster H - - C.		24679	9	5	1	-	-	-	-	-	-	-	-	-
St. James Westminster WHH N.R. & G.J.		22941	16	5	2	2	-	1	-	-	-	-	-	-
St. Anne Soho HHHHHHH - N.R.		16608	16	3	1	1	-	-	-	-	-	-	-	-
North Districts.														
All Souls Marylebone HHHH - W.M.		26759	9	8	2	-	-	-	-	-	-	-	-	1
Cavendish Square HHHH - W.M.		14891	11	1	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.		24909	11	5	2	-	-	1	-	-	-	-	-	-
St. Mary Marylebone HHH G.J. & W.M.		21118	27	6	4	1	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.		38700	25	6	3	1	-	-	-	-	-	-	-	1
St. John Marylebone H - - W.M.		33633	23	10	3	2	-	-	-	-	-	-	-	2
Hampstead WwWHHH N.R. & W.M.		45432	31	17	2	6	-	-	-	-	-	-	-	3
Regent's Park Panera H - - W.M.		89115	18	11	1	5	-	1	-	-	-	-	-	2
Tottenham-court WHHHH N.R. & W.M.		27729	15	18	2	3	-	-	-	2	1	-	1	2
Gray's Inn Lane HHH - - N.R.		30247	14	11	-	4	-	-	-	1	-	-	-	1
Somers Town H - - N.R.		84369	24	9	-	-	-	1	-	-	1	-	-	-
Camden Town WH - - N.R.		17811	9	14	-	10	-	-	-	-	-	-	-	1
Kentish Town W - - N.R.		87487	50	26	7	9	-	1	-	-	1	-	-	1
Upper Holloway WWWH - N.R.		67946	47	40	8	7	-	3	-	1	1	-	-	1
Islington South-west HH - - N.R.		100976	80	19	2	3	-	-	-	1	1	-	1	2
Islington South-east - - N.R.		61825	35	19	4	4	-	-	-	-	2	-	-	1
Highbury H - - N.R.		52048	27	11	2	1	-	1	-	-	1	-	-	-
Stoke Newington H - - N.R.		22781	18	7	3	1	-	1	-	-	-	-	-	-
Stamford Hill - - - E.L.		9277	8	4	1	1	-	-	-	-	-	-	-	-
West Hackney H - - N.R.		37610	19	8	2	3	-	-	-	-	-	-	-	1
Hackney WwWH - - E.L. & N.R.		76911	54	28	4	5	-	-	-	-	-	-	-	1
South Hackney - - - E.L.		39883	26	7	-	1	-	1	-	3	-	-	1	1
Central Districts.														
St. George Bloomsbury - - - N.R.		16681	8	3	1	-	-	1	-	-	-	-	-	-
St. Giles South WH - - - N.R.		14864	16	7	-	2	-	1	-	-	-	-	-	-
St. Giles North - - - N.R.		13837	3	2	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17509	4	5	1	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H - - N.R.		7515	6	1	-	-	-	-	-	-	-	-	-	2
St. Clement Dances H - - N.R.		8559	4	3	1	-	-	-	-	-	-	-	-	-
Strand Union Workhouse, Edmonton w.		-	-	3	-	3	-	-	-	-	-	-	-	-
St. Geo.-the-Martyr HHHHHHH N.R.		18671	5	6	-	3	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - N.R.		10706	8	2	-	-	-	-	-	1	-	-	-	1
St. Andrew Hill H - - N.R.		6533	2	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - - - N.R.		17516	7	5	2	1	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - - N.R.		16281	11	7	2	1	-	-	-	-	-	-	-	2
Pentonville - - - N.R.		14773	7	3	1	1	-	-	-	-	-	-	-	1
Goswell-street - - - N.R.		17506	15	7	3	-	-	-	-	-	-	-	-	1
Old-street H - - N.R.		11841	6	3	1	-	-	-	-	-	1	-	-	2
City-road HHL - - N.R.		18628	23	7	2	1	-	-	-	-	-	-	-	-
Whitecross-street - - - N.R.		9217	4	1	-	-	-	-	-	-	-	-	-	-
Finsbury - - - N.R.		7463	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitham w.		-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - - N.R. & E.L.		11174	4	-	-	-	-	-	-	-	-	-	-	-
Cripplegate H - - - N.R.		7193	3	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - - N.R.		5353	2	13	-	2	-	-	-	-	-	-	-	-
St. Bride W - - - N.R.		8398	2	1	-	-	-	-	-	-	-	-	-	2
Albion Barking - - - N.R.		13668	6	1	-	-	-	-	-	-	-	-	-	3
Broad Street H - - - N.R.		5653	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; A—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHÆA, VIOLENCE, &c., registered in each SUB-DISTRICT
day, the 11th May, 1889.

		The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhea.	Violence.					
EAST DISTRICTS.																					
well Shoreditch	- N.R. & E.L.	7376	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
onard Shoreditch	HL*	14867	6	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
on New Town	so - - - N.R.	29937	22	14	4	7	-	1	-	-	-	-	-	-	-	-	-	-			
on Old Town	- - - N.R.	28036	18	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
erston	WH - - - N.R. & E.L.	46275	36	21	4	6	-	1	-	1	-	-	-	-	-	-	11	-			
ney-road	H - - - E.L.	29738	27	8	2	3	-	-	-	-	-	-	-	-	-	-	1	-			
n, Bethnal Green	WHL*	47032	32	25	9	6	-	1	-	-	1	-	-	-	-	-	4	8			
eh, Bethnal Green	- - - E.L.	29981	22	4	2	-	-	-	-	-	-	1	-	-	-	2	2	-			
n, Bethnal Green	- - - E.L.	19810	13	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
fields	- - - E.L. & N.R.	22585	21	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-			
End New Town	W - - - E.L.	15478	16	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
eechapel Church	H - - - E.L. & N.R.	17490	15	26	3	4	-	1	-	-	-	-	-	-	-	2	3	5			
zman's Fields	- - - E.L.	9713	6	4	1	1	-	1	-	-	-	-	-	-	-	-	17	-			
ate	- - - N.R. & E.L.	6102	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
George's, North	- - - E.L.	38747	24	8	1	2	-	-	-	-	-	-	-	-	-	-	1	-			
ohn, St. George East	W - - - E.L.	8410	8	7	1	3	-	-	-	-	-	-	-	-	-	-	1	4			
well	HH - - - E.L. & N.R.	10995	5	4	2	-	-	-	-	-	-	-	-	-	-	-	2	3			
ile	- - - E.L.	16107	8	5	1	-	-	-	-	1	-	-	-	-	-	-	-	-			
house	- - - E.L.	32041	19	8	2	1	-	-	-	1	-	-	-	-	-	1	-	-			
End Old Town West	- - - E.L.	87960	35	11	-	3	-	2	-	-	-	-	-	-	-	-	-	1			
End Old Town East	W & H - E.L.	67653	41	13	6	2	-	1	-	1	-	-	-	-	-	1	2	-			
	- - - E.L.	37074	26	11	3	-	-	-	-	-	2	-	-	1	1	1	3	-			
ley	W & H - - - E.L.	64359	47	23	3	9	-	1	-	-	1	-	-	-	-	1	2	6			
ar	W & H - - - E.L.	56077	34	12	3	2	-	-	-	1	-	-	-	-	-	1	1	-			
SOUTH DISTRICTS.																					
church Southwark	WH - - - L. & S.	12663	9	5	3	2	-	-	-	-	-	-	-	-	-	-	2	2			
aviour Southwark	- - - S.	14999	8	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
g-road	- - - S. & L.	21381	18	15	3	1	-	4	-	-	1	-	-	-	-	-	1	-			
ugh-road	WH - - - S. & L.	15953	13	8	3	1	-	1	-	-	-	-	-	-	-	-	2	1			
ly-road	HL - - - L. & S.	21318	9	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
ity Newington	- - - S. & L.	56672	18	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-			
eter Walworth	W - - - S. & L.	59555	39	26	7	4	-	4	1	-	1	-	-	-	-	2	3	1			
ary Newington	- - - L. & S.	21623	16	10	4	-	-	-	-	-	1	-	-	-	-	-	-	-			
ave	WH - - - S.	11956	15	18	1	3	-	-	-	-	-	-	-	-	-	4	5	16			
her Market	- - - S. & L.	16900	20	4	1	-	-	-	-	-	-	-	-	-	-	1	2	-			
ary Magdalen	- - - S.	15959	16	8	3	2	-	-	-	-	-	-	-	-	-	1	2	-			
ames Bermondsey	- - - S.	54682	23	7	1	-	-	-	-	-	-	-	-	-	-	1	1	-			
eriths	WH - - - S. & K.	36024	33	15	6	5	-	-	-	1	-	-	-	-	-	2	3	4			
erloo-road 1st	H - - - L. & S.	15195	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
erloo-road 2nd	H - - - L. & S.	16351	18	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1			
both Church 1st	H - - - L. & S.	19876	10	19	5	6	-	-	-	2	-	-	1	1	6	6	13	1			
both Church 2nd	WW - - - L. & S.	39859	30	15	3	4	-	-	-	-	-	-	-	-	-	1	6	2			
ington 1st	- - - S. & L.	45232	40	19	6	8	-	-	-	-	-	-	-	-	-	-	-	-			
ington 2nd	- - - S. & L.	36332	16	6	2	2	-	-	-	-	-	-	-	-	-	1	-	-			
ton	W & W - - - L. & S.	62837	38	11	2	4	-	3	-	-	-	-	-	-	-	-	-	-			
wood	W - - - L.	19017	16	10	3	6	-	-	-	-	-	-	-	-	-	1	-	-			
Battersea	- - - S.	54675	40	15	8	1	-	1	-	-	-	-	-	-	-	-	-	-			
t Battersea	W & H - - - S.	52587	42	17	5	5	-	-	-	-	-	-	-	-	-	-	3	-			
am	H - - - S.	36890	32	13	3	4	-	-	-	1	-	-	-	-	-	-	-	-			
idsworth	WHL - - - S.	28004	29	7	2	1	-	-	-	-	-	-	-	-	-	2	3	-			
ey	- - - S.	13235	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
atham	- - - L.	25553	28	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-			
wich	- - - L. & S.	5590	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
erwell	W & L* L* - - - S. & L.	59104	34	34	4	12	-	1	-	-	-	1	-	-	-	1	16	1			
tham	W - - - S., L. & K.	71089	62	25	10	5	-	2	1	-	3	-	1	-	-	2	2	1			
George Camberwell	- - - L. & K.	60810	43	13	4	2	-	-	-	-	-	-	-	-	-	2	2	-			
Paul Deptford	W & W - - - K.	76752	66	26	8	4	-	5	4	-	1	-	-	-	-	1	2	4			
Nicholas Deptford	- - - K.	7901	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1			
inwich West	H - - - K.	21972	13	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-			
inwich East	WHH - - - K.	24603	13	26	6	9	-	2	-	-	2	-	-	-	-	3	3	9			
am	H - - - K.	5043	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
H	- - - K.	21659	8	7	-	-	-	-	-	2	-	-	-	-	-	-	-	-			
atham	WH - - - K.	19865	10	5	2	1	-	-	-	-	-	-	-	-	-	1	1	2			
enham	H - - - L.	26076	30	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
rtion	H - - - K.	10930	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1			
olwich Dockyard	- - - K.	17617	14	5	1	1	-	-	-	2	-	-	-	-	-	-	-	-			
olwich Arsenal	HH - - - K.	19048	21	6	2	-	-	-	-	-	-	-	-	-	-	1	2	-			
instead, West	H - - - K.	14009	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1			
instead, East	W - - - K.	19241	29	13	2	3	-	-	-	-	-	-	-	-	-	1	1	1			
ropolitan Asylum Hospitals:																					
Dartford	W - - -																				
Winchmore Hill	W - - -																				
Plaintow	W - - -																				

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marleybone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse Haaxney sub-district.
Whitechapel " " Brixton New Town sub-district.
" " Mile End Old Town Eastern sub-dist.
London City " " Mile End Old Town Eastern sub-dist.
" " and Bromley sub-district.
* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " "
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th May, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlat Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes.
LONDON—OUTER RING		370,924	950,957	842	354	76	83	-	15	1	7	6	5	-	13	26	42	-
80:1	Carshalton <i>wL</i>	12228	21118	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of)* <i>WwH</i>	9071	10710	6	4	-	1	-	-	-	-	-	-	-	1	1	2	-
37:1	Godstone (part of)*	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHHL</i>	90851	101941	66	35	6	13	-	-	-	1	-	-	-	1	1	8	-
2	Mitcham <i>w</i> †	11697	17932	13	3	-	-	-	-	-	-	-	-	-	1	1	-	-
39:1	Wimbledon <i>HHH</i>	3220	15960	21	4	2	-	-	-	-	-	-	-	-	-	-	1	-
2	Kingston <i>WHH</i>	8549	36354	19	9	-	5	-	-	-	-	-	-	-	-	-	2	1
3	Esher (part of)*	6301	9221	3	3	-	2	-	-	-	-	-	-	-	1	1	-	-
4	Hampton <i>H</i>	4573	13539	6	7	1	1	-	1	-	-	-	-	-	1	1	-	-
40:1	Richmond <i>WH</i>	2372	21302	8	5	3	-	-	-	-	-	-	-	-	-	2	-	-
2	Mortlake	2941	12331	16	6	2	1	-	-	-	-	2	-	-	1	-	-	-
41:1	Bromley (pt. of)* <i>HH</i>	15669	31142	22	6	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	8	7	-	2	-	-	-	-	-	-	-	-	-	5	-
42:1	Bexley <i>H</i>	13437	24134	12	6	3	1	-	-	-	-	-	-	-	1	2	1	-
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124:1	Sunbury <i>w</i>	11055	11636	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12089	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-
125:1	Hillingdon <i>WHH</i>	6029	10802	8	1	-	1	-	-	-	-	-	-	-	-	-	1	-
2	Uxbridge	6175	3225	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i>	14687	11523	3	4	2	1	-	-	-	-	1	-	-	1	1	-	-
126:1	Isleworth <i>WHH</i>	7008	22727	16	5	1	1	-	-	-	-	-	-	-	1	1	2	-
2	Twickenham <i>H</i> -	2477	12479	9	7	1	2	-	-	-	-	-	-	-	-	1	-	-
3	Brentford <i>HL</i>	4345	27649	29	15	2	3	-	-	-	-	1	-	-	-	-	2	-
4	Chiswick	1340	15975	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>wH</i>	6083	22376	27	21	4	4	-	5	-	1	-	-	-	1	1	-	-
127:1	Harrow <i>H</i> -	13809	12793	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i>	6094	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	27453	59	11	3	1	-	-	-	-	-	-	-	-	1	-	-
4	Hendon <i>W</i>	8382	10484	9	9	1	1	-	-	-	-	-	-	-	-	1	4	1
127:1	Bushey	9331	6621	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128:1	South Mimms	15599	6391	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet	5433	10092	8	2	-	-	-	-	-	-	-	-	-	1	2	1	-
3	Finchley <i>HL</i>	4688	17615	14	13	2	1	-	-	-	-	1	-	-	1	1	5	-
135:1	Hatfield (part of)*	3306	633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i> -	2039	37078	29	13	2	7	-	-	-	-	1	-	-	-	-	-	-
2	Tottenham <i>H</i>	4642	46456	48	33	6	4	-	-	-	2	-	1	-	-	2	8	-
3	Edmonton <i>Ww</i> ‡	7453	33463	22	1	4	2	-	5	-	-	-	-	-	-	-	1	-
4	Enfield <i>WH</i>	12353	19104	25	5	1	2	-	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey	11017	5343	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	8490	7735	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford	382	38606	23	9	4	1	-	-	-	-	1	-	-	2	2	-	-
2	West Ham <i>wowwH</i> §	7351	101033	139	40	7	10	-	2	1	1	2	-	-	-	1	-	1
3	Leyton <i>WwL</i>	4372	32430	40	15	3	7	-	1	-	-	-	1	-	-	-	3	-
4	Walthamstow <i>H</i>	6520	23369	36	11	5	2	-	-	-	1	-	-	-	-	-	-	-
137:1	Chigwell (part of)* <i>H</i>	11761	9039	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139:1	Romford (part of)* <i>W</i>	6730	3411	12	2	1	-	-	-	-	-	-	-	-	-	-	1	-
2	Ilford	8493	7645	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town	4127	9203	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 80:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchester Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 11th May, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	15.3	1.7	1649	363	375	-	75	11	30	43	14	10	79	352	
INNER LONDON -	77,410	4,351,738	15.5	1.8	1295	287	202	-	60	10	23	37	9	10	06	310	
OUTER RING -	370,924	1,290,277	14.3	1.4	354	76	83	-	15	1	7	6	5	-	13	42	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,604,651 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	March 23	-	181	21.8	1	3	-	-	-	48	45†	
BOMBAY	773,196	April 16	262	501	23.7	25	36	?	?	?	182	36†	
MADRAS	398,777	March 22	-	-	-	-	-	-	-	-	-	-	
PARIS	2,260,945	May 4	1276	984	22.6	3	31	1	43*	7	7	56	
BRUSSELS (with 8 Faubourgs.)	471,606	" 4	296	173	19.1	1	2	-	-	2	1	12	
AMSTERDAM	403,083	" 4	245	187	24.3	-	-	7	2	-	-	-	
ROTTERDAM	197,723	" 4	118	97	25.4	-	5	-	-	1	-	-	
THE HAGUE	153,440	" 4	100	61	20.6	-	-	-	-	1	1	-	
COPENHAGEN	307,000	April 27	263	127	21.6	-	-	1	4	7	-	9	
STOCKHOLM	221,549	" 27	147	90	20.5	-	-	3	3*	2	-	1	
CHRISTIANIA	138,301	May 4	69	42	15.8	-	-	-	4	4	-	2	
ST. PETERSBURG	842,883	April 27	-	659	40.8	-	1	11	4	3	14	112	
BERLIN	1,470,582	" 20	857	534	20.6	1	4	3	18	12	8	42	
HAMBURG (State)	575,276	" 27	447	254	23.0	-	-	2	13*	4	3	9	
DRESDEN	264,196	" 27	184	120	23.6	?	-	-	3*	?	1	3	
BERBLAU	313,451	May 4	241	167	27.8	-	-	-	3*	1	-	10	
MUNICH	281,000	April 27	196	202	36.9	-	7	4	14*	-	1	19	
VIENNA	811,434	" 27	618	406	28.0	-	6	3	6	2	4	26	
PRAGUE	304,356	" 27	-	178	30.5	9	4	-	9	4	2	7	
BUDA-PESTH	452,907	" 27	338	270	32.0	-	-	3	6	1	3	23	
TRIESTE	158,084	" 27	-	88	28.9	-	-	-	1	1	1	2	
ROME	401,044	March 23	243	220	28.5	4	3	-	13	1	6†	5	
TURIN (10 days)	306,398	April 10	243	212	25.3	2	2	-	3	5	2	15	
VENICE	153,375	" 27	94	88	29.9	1	5	-	-	-	-	9	
CAIRO	374,888	" 18	377	367	51.1	6	1	-	2*	9	21	115	
ALEXANDRIA	231,396	" 18	153	208	46.9	2	13	-	3*	1	8	52	
NEW YORK	1,549,500	" 20	-	868	29.2	-	13	57	44	14	5	16	
BROOKLYN	814,505	" 20	-	385	23.2	-	5	10	20	7	1	6	
PHILADELPHIA	1,040,245	" 20	-	423	21.2	-	2	2	10	2	8	3	
BALTIMORE	500,343	" 20	-	145	15.1	-	-	1	5	1	4	-	

* Including deaths from croup.

† Including 28 deaths from cholera in Calcutta, and 5 in Bombay.

‡ Including 3 deaths from malarial fever.

[illegible]

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 20. 1889. VOL. L.] WEEK ENDING SATURDAY, MAY 18. [Price 1½d.

General Register Office, Somerset House,
20th May, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·2 per 1000 of their aggregate population, which is estimated at *9,555,403 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Apr. 27.	May 4.	May 11.	May 18.		Apr. 27.	May 4.	May 11.	May 18.
Birkenhead	18·8	19·8	20·4	14·8	Liverpool -	19·6	21·9	19·1	16·0
Birmingham	18·7	16·3	18·6	18·6	London -	17·5	16·6	15·5	14·8
Blackburn -	23·2	32·3	25·0	22·4	Manchester -	28·5	28·4	31·5	23·2
Bolton -	20·0	28·7	28·7	22·7	Newcastle-on-Tyne*	25·3	23·7	24·0	23·7
Bradford*	18·4	18·4	23·1	20·0	Norwich -	27·1	21·0	22·1	11·0
Brighton -	12·4	22·3	15·9	15·9	Nottingham -	15·8	20·6	17·1	14·5
Bristol -	18·0	18·0	17·1	15·2	Oldham -	19·4	29·3	25·3	25·7
Cardiff*	17·6	19·4	14·8	23·6	Plymouth -	30·0	30·0	22·0	20·7
Derby -	15·4	18·5	16·4	15·9	Portsmouth -	16·3	16·6	17·4	14·8
Halifax -	22·5	25·7	32·2	25·7	Preston -	38·6	29·5	31·5	38·1
Huddersfield	24·2	21·4	19·7	16·9	Salford*	19·8	19·2	21·2	18·7
Hull -	24·6	19·6	23·6	18·6	Sheffield -	19·1	22·3	19·5	16·7
Leeds -	27·2	25·3	23·6	19·3	Sunderland -	14·0	19·8	17·5	19·8
Leicester*	16·3	13·2	16·6	11·1	Wolverhampton -	25·9	15·2	22·1	19·0

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Leeds and in Sheffield, 1·4 in Bristol and in Bolton, 1·9 in Halifax, 2·9 in Manchester, 3·0 in Hull, and 5·0 in Preston; from *scarlet fever*, 1·1 in Salford, 1·3 in Plymouth, and 1·6 in Sheffield; and from *whooping-cough*, 1·9 in Cardiff, 2·2 in Oldham, and 5·5 in Preston. The death-rate from "fever" did not reach 1·0 in any of the twenty-eight towns. The 37 deaths from *diphtheria* in these towns included 24 in London, 4 in Salford, 2 in Birmingham, 2 in Leeds, and 2 in Newcastle-upon-Tyne. *Small-pox* caused one death in Bristol, but not one in any other of the twenty-eight great towns.

LONDON.

In LONDON 2648 BIRTHS and 1231 DEATHS were registered. Allowing for increase of population, the births were 10, and the deaths 376, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the six preceding weeks from 18·8 to 15·5, further fell last week to 14·8, and was lower than in any week since July last. During the first seven weeks of the current quarter the death-rate averaged 16·9 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1231 deaths included 53 from measles, 7 from scarlet fever, 24 from diphtheria, 36 from whooping-cough, 7 from enteric fever, 1 from an ill-defined

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

form of continued fever, 14 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 142 deaths were referred to these diseases, being 78 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 21; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 68 and 60 in the two preceding weeks, further declined last week to 53, and were 10 below the corrected average; 4 belonged to Marylebone, 5 to Islington, 5 to Bethnal Green, 4 to Newington, and 7 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 15 and 10 in the two previous weeks, further declined last week to 7, and were 17 below the corrected average. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 610 scarlet fever patients, against 617 and 610 on the two preceding Saturdays; 65 cases were admitted to these hospitals during the week, against 70 and 58 in the two previous weeks. The deaths from *diphtheria*, which had been 29, 21, and 23 in the three preceding weeks, were last week 24, and exceeded the corrected average by 10; 2 in Victoria Hospital belonged to Chelsea, 2 to Pancras, 2 (in Stoke Newington) to Hackney, 2 to Bethnal Green, 2 to Poplar, 3 (including 2 in Evelina Hospital) to St. George Southwark, and 2 to Newington sanitary areas. The 36 fatal cases of *whooping-cough* showed a further decline from recent weekly numbers, and were 34 below the corrected average; 4 belonged to Pancras, 5 to Islington, and 4 to Newington sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 18, 12, and 10 in the three preceding weeks, rose again last week to 14, and were one below the corrected average; 10 were of infants aged under one year.

The 7 deaths from *enteric fever* showed an increase upon the exceptionally low numbers in recent weeks, but were 4 below the corrected average; 4 belonged to the sanitary areas in South London. The death of a child, aged 2 years, was indefinitely referred to "infantile remittent fever, 12 days." The Metropolitan Asylum Hospitals contained 12 cases of enteric fever and 2 of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 2 and 1 in the two previous weeks.

The death of a child, aged 5 years, in University College Hospital, admitted from Bermondsey, was referred, after inquest, to "hydrophobia following the bite of a dog."

The deaths referred to diseases of the respiratory organs, which had been 305 242, and 213 in the three preceding weeks, were last week 217, and were 99 below the corrected average.

Different forms of violence caused 51 deaths; 47 were the result of negligence or accident, among which were 19 from fractures and contusions, 4 from burns and scalds, 13 from drowning, and 7 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in the streets; 2 by accidents on railways; 3 by injuries from fall of lift, of iron column, and of ladder; 1 by fall from window; 2 by fall down stairs; 1 by fall from fence; 2 by fall in room; 1 by fall, the nature of which was not stated; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 19 cases except the last. Four cases of suicide were registered.

GREATER LONDON.

In Greater London 3435 births and 1509 deaths were registered, corresponding to annual rates of 31·8 and 14·0 per 1000 of the estimated population. In the Outer Ring 8 deaths from measles and 8 from whooping-cough were registered. Three fatal cases of scarlet fever and 2 of "fever" were returned in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·72 ins.; the lowest reading was 29·60 ins. at the beginning of the week, and the highest 29·82 ins. on Thursday morning. The mean temperature of the *air* was 54°·0, and 1°·0 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday and on Saturday, whereas it showed an excess on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·5 miles per hour, which was 2·9 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·19 of an inch. The duration of registered bright sunshine in the week was 27·7 hours, against 35·1 hours at Glynde Place, Lewes.

TABLE 2.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 18th May, 1889.

CITIES AND BOROUGHES.	Registered during the Week ending 18th May, 1889.		The Deaths registered in the Week include										Annual Rate per 1000, corresponding to the Week of Deaths				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.						
	1.	2.	3.	Deaths of Persons aged 10 Years and upwards.			Deaths from				Deaths in Public Institutions.	Unquest Cases.	Cause of Death.	From All Causes.		From Diseases in 12.		Mean.		In Inches.	In Cent.								
				4.	5.	6.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.				Whooping-cough.	Fever.	Diarrhoea.	Violence.	19.	20.			21.		22.	23.	24.			
Cols.																													
28 TOWNS*	9,555,406	6051	3144	728	711	1	138	35	7	100	26	45	120	198	573	52	17	2	2	1	18	19	20	21	22	23	24	Cols.	
LONDON	4,351,758	2048	1231	267	286	-	53	7	-	36	8	14	51	85	311	10	14	8	17	1	19	20	21	22	23	24	-	28 TOWNS.	
BRIGHTON	121,807	67	37	5	10	-	-	-	-	-	-	-	-	-	7	-	15	9	0	0	71	71	71	71	71	71	71	LONDON.	
PORTSMOUTH	141,253	99	40	12	12	-	-	-	-	-	-	-	-	-	5	-	14	8	1	1	-	-	-	-	-	-	-	BRIGHTON.	
NORWICH	94,510	60	20	7	7	-	-	-	-	-	-	-	-	-	1	-	11	0	6	0	-	-	-	-	-	-	-	PORTSMOUTH.	
PLYMOUTH	78,225	44	31	5	7	-	1	2	1	1	1	1	1	2	1	-	20	7	3	0	67	67	67	67	67	67	67	NORWICH.	
BRISTOL	229,361	132	67	13	20	1	6	-	-	1	1	1	1	3	4	19	2	15	2	0	65	65	65	65	65	65	65	PLYMOUTH.	
WOLVERHAMPTON	82,544	70	30	11	6	-	-	-	-	1	-	1	1	2	3	4	1	19	0	6	68	68	68	68	68	68	68	BRISTOL.	
BIRMINGHAM	454,835	307	162	39	40	-	5	2	2	5	2	2	2	5	11	25	6	18	6	2	1	-	-	-	-	-	-	WOLVERHAMPTON.	
LEICESTER*	160,520	113	32	11	10	-	1	-	-	1	-	1	-	1	4	12	1	14	5	0	4	66	66	66	66	66	66	BIRMINGHAM.	
NOTTINGHAM	237,812	168	66	20	20	-	1	-	-	-	-	-	-	1	5	6	-	15	9	0	5	-	-	-	-	-	-	LEICESTER.	
DERBY	98,629	54	30	3	9	-	-	-	-	-	-	-	-	1	5	1	-	14	8	2	0	-	-	-	-	-	-	NOTTINGHAM.	
BIRKENHEAD	102,541	68	29	10	6	-	1	-	-	3	-	3	5	1	1	-	14	8	2	0	-	-	-	-	-	-	-	DERBY.	
LIVERPOOL	606,562	396	186	50	29	-	1	3	1	13	5	3	9	10	30	5	16	0	2	2	64	64	64	64	64	64	64	BIRKENHEAD.	
HOLTON	114,670	77	50	16	10	-	3	1	-	2	1	2	1	6	5	-	22	7	3	2	-	-	-	-	-	-	-	LIVERPOOL.	
MANCHESTER	378,840	236	205	46	35	-	21	2	-	2	1	1	6	17	44	5	23	2	3	7	-	-	-	-	-	-	-	HOLTON.	
SALFORD*	234,283	160	84	15	18	-	1	5	4	1	2	1	2	3	20	1	18	7	3	1	-	-	-	-	-	-	-	MANCHESTER.	
OLDHAM	142,405	78	70	23	12	-	-	-	-	6	1	-	1	1	4	5	25	7	2	6	-	-	-	-	-	-	-	SALFORD.	
BLACKBURN	121,275	100	62	18	10	-	-	-	-	2	1	-	-	2	2	-	22	4	2	2	-	-	-	-	-	-	-	OLDHAM.	
PRESTON	104,194	79	70	21	16	-	10	-	-	11	1	2	3	3	8	4	38	1	2	0	-	-	-	-	-	-	-	BLACKBURN.	
HUDDESFIELD	92,825	45	30	5	6	-	-	-	-	-	-	-	-	-	2	1	16	9	1	1	-	-	-	-	-	-	-	PRESTON.	
HALIFAX	81,050	51	40	6	8	-	3	-	-	1	-	-	1	2	2	4	25	7	2	6	-	-	-	-	-	-	-	HUDDESFIELD.	
BRADFORD*	235,056	142	90	20	23	-	1	-	-	2	-	2	5	4	7	8	-	20	7	1	8	63	63	63	63	63	63	HALIFAX.	
LEEDS	337,449	237	132	30	36	-	9	-	-	2	-	2	1	7	8	2	16	7	3	7	-	-	-	-	-	-	-	BRADFORD.	
SHEFFIELD	327,227	209	105	20	17	-	8	10	-	2	2	1	7	8	6	2	16	7	3	7	-	-	-	-	-	-	-	LEEDS.	
HULL	208,017	136	74	20	15	-	-	-	-	5	-	5	-	1	1	1	18	6	4	5	65	65	65	65	65	65	65	SHEFFIELD.	
SUNDERLAND	134,193	105	51	14	12	-	-	-	-	1	-	1	-	2	3	2	19	8	1	2	62	62	62	62	62	62	62	HULL.	
NEWCASTLE*	160,983	137	73	17	18	-	-	-	-	2	1	3	2	3	11	3	53	7	2	6	58	58	58	58	58	58	58	0	SUNDERLAND.
CARDIFF*	112,712	103	51	10	4	-	-	-	-	1	-	1	1	1	6	-	23	6	2	3	-	-	-	-	-	-	-	0	NEWCASTLE.
EDINBURGH	266,900	160	88	17	18	-	-	-	-	2	5	-	2	2	19	14	17	2	1	8	62	62	62	62	62	62	62	1	EDINBURGH.
GLASGOW	523,144	438	253	48	32	-	15	4	3	23	3	10	7	9	34	27	25	0	5	7	66	66	66	66	66	66	66	0	GLASGOW.
DUBLIN	383,082	294	170	27	41	-	2	1	-	4	5	1	6	4	43	23	25	1	9	1	63	63	63	63	63	63	63	0	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTIETH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2266	2296	2463	2462	2407	2556	2391	2690	2483	2364	2658·3	2648
Males . .	1185	1195	1285	1233	1211	1279	1222	1340	1242	1256	1357·4	1358
Females .	1081	1101	1178	1229	1196	1277	1169	1350	1241	1108	1300·9	1290
TOTAL Deaths	1532	1297	1488	1419	1530	1536	1554	1379	1533	1469	1607·3	1231
Males . .	831	653	749	710	793	801	811	706	819	754	831·7	631
Females .	701	644	739	709	737	735	743	673	717	715	775·6	600

*The numbers in this column are the average weekly numbers in the twentieth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.
TOTAL Births	2695	2609	2698	2699	2670	2808	2676	2509	2488	2522	2712	2565	2648
TOTAL Deaths	1567	1472	1637	1638	1554	1476	1572	1493	1426	1462	1886	1295	1231
Ages at													
{ 0–20 years	666	681	695	719	666	642	729	671	670	708	626	577	571
{ 20–40 "	202	153	175	188	165	200	175	183	174	171	184	175	169
{ 40–60 "	278	254	309	298	274	274	237	266	214	256	265	251	205
Death													
{ 60–80 "	337	314	391	357	366	287	305	310	299	264	258	245	232
{ at 80 years & upwds.	84	70	67	76	83	73	76	63	69	63	52	47	54
"													
{ Under 1 year	344	349	322	362	317	316	368	322	299	361	309	287	267
{ 1–5 "	238	257	277	249	276	242	261	251	279	273	246	218	225
{ 5–20 "	84	75	96	103	73	84	100	98	92	74	71	72	79
Deaths from Small-pox	70	67	76	60	84	56	74	72	70	65	68	60	53
" " Measles	14	12	16	16	6	11	15	13	10	9	15	10	7
" " Scarlet fever	27	25	20	31	23	18	26	36	22	29	21	23	24
" " Diphtheria	31	31	29	37	42	51	49	43	51	56	55	37	36
" " Whooping-cough	1	1	—	—	—	—	—	1	—	—	—	—	—
" " Typhus	8	6	4	6	4	8	9	10	6	3	5	5	7
" " Enteric fever	—	—	3	—	—	—	—	1	—	1	2	4	1
" " Simple Cont ^d fever	16	18	15	14	18	9	17	11	10	18	12	10	14
" " Diarrhoea and } " " Dysentery }	—	—	—	2	—	—	—	—	—	—	—	—	—
" " Cholera	167	160	163	166	177	153	190	187	169	181	178	149	142
" " all the above-mentioned Diseases }	362	362	402	396	378	332	364	294	300	305	242	213	217
" " Dis. of Respira- } " " tory System }	156	127	161	162	139	153	170	152	128	164	143	125	137
" " Phthisis	130	116	150	157	127	153	146	135	98	119	154	134	97
" " Dis. of Circula- } " " tory System }	65	57	52	63	53	52	69	68	57	69	55	66	51
Violent Deaths	114	113	114	127	111	125	130	120	111	116	107	125	85
Inquest Cases	353	353	395	378	366	354	340	325	315	331	315	310	311
Deaths in Public Institutions													
TEMPERATURE OF THE AIR													
Mean	41·4	32·8	37·4	38·8	42·5	45·6	43·5	43·5	46·5	47·5	50·8	57·7	54·0
Mean of Highest readings	47·3	37·7	46·3	46·8	50·3	54·6	51·8	50·4	55·3	57·8	61·9	67·9	64·5
Mean of Lowest readings	36·2	29·8	28·9	31·2	35·7	38·6	37·4	38·6	39·8	39·1	41·5	49·1	46·7
Humidity of the Air	81	83	75	80	80	81	78	90	84	80	79	77	85
Rain-fall in inches	0·05	0·13	0·54	0·04	0·53	0·11	0·27	0·56	0·16	0·75	0·79	0·71	0·19
Registered Sunshine (in hours)	14·9	7·6	26·0	14·8	18·4	14·3	21·3	8·6	12·5	31·3	39·8	37·5	27·7

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 20th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 18th May 1889.								CAUSES OF DEATH.	Corrected Averages for the 20th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 18th May 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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		ALL AGES.			Under 20.			20 and under 40.				40 and under 60.		60 and under 80.		80 Years and upwards.		ALL AGES.			Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	0-1.			1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
ALL CAUSES - -	1607.3	1231	267	225	79	169	205	232	54	Diseases of Organs of Special Sense † - -	2.1	1	-	-	-	-	-	1	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from												Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2648	1231	267	286	-	53	7	24	36	-	7	1	14	51	85	311	10	
WEST DISTRICTS		689,683	411	227	38	65	-	6	1	5	6	-	2	-	3	6	10	87	2	
NORTH DISTRICTS		905,847	580	292	69	56	-	11	2	10	14	-	1	1	4	11	22	71	1	
CENTRAL DISTRICTS		282,238	161	87	20	21	-	2	-	-	2	-	-	-	2	2	5	34	-	
EAST DISTRICTS		692,788	503	210	57	38	-	9	2	2	4	-	-	-	4	14	26	64	-	
SOUTH DISTRICTS		1,265,148	993	415	83	106	-	25	2	7	10	-	4	-	1	18	22	75	7	
METROPOLITAN ASYLUM FOR FATALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69893	46	19	6	5	-	-	-	-	1	-	1	-	-	-	1	1	-	
St. John Paddington H - - G.J.		37380	9	14	2	3	-	-	-	1	-	2	-	-	-	1	1	10	-	
Kensington Town W - - W.M.		120141	69	43	3	18	-	-	-	-	-	-	-	-	-	-	-	15	-	
Brompton H - - W.M. & C.		43010	9	8	1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Peter Hammersmith - - W.M.		7899	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64840	72	28	7	10	-	1	1	-	-	-	-	-	1	2	3	3	-	
Fulham W - - W.M. & C.		42900	61	30	6	7	-	-	-	-	1	-	-	-	-	-	-	1	-	
Chelsea South HHH - - C.		6996	21	7	2	-	-	-	-	-	3	-	-	-	-	-	-	5	-	
Chelsea North-west WHHHH C.		21925	20	12	2	1	-	1	-	-	-	-	-	-	-	-	-	5	-	
Chelsea North-east - - C.		32807	15	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.		30353	8	13	1	5	-	-	-	-	-	-	-	-	-	1	1	5	1	
Belgrave WHH - - C.		49220	23	18	5	3	-	1	-	-	1	-	-	-	-	-	-	4	-	
St. John Westminster HHH - C.		35496	21	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H - C.		24679	14	9	1	5	-	-	-	1	-	-	-	-	-	1	1	3	-	
St. James Westminster WHH N.R. & G.J.		29941	9	7	-	2	-	2	-	-	-	-	-	-	-	-	-	1	1	
St. Anne Soho HHHHHH - N.R.		18668	10	6	1	-	-	-	-	-	-	-	1	-	2	-	-	2	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	12	14	1	3	-	-	-	-	1	-	-	-	-	-	-	8	-	
Cavendish Square HHHH - W.M.		14891	1	4	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.		24809	16	8	1	2	-	2	-	-	1	-	-	-	-	-	-	2	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	31	5	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Christchurch Marylebone HH - W.M.		33700	14	9	1	3	-	-	-	1	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - W.M.		33633	14	8	2	2	-	-	-	-	-	-	-	-	1	-	-	-	1	
Hampstead WWHHHH N.R. & W.M.		45452	37	19	6	2	-	-	2	-	1	-	-	-	-	2	2	3	-	
Regent's Park Pancras H - W.M.		39115	26	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	7	21	1	4	-	-	-	2	-	-	-	-	1	2	2	17	-	
Gray's Inn Lane HHH - N.R.		30247	10	8	3	1	-	-	-	1	-	-	-	-	-	1	2	3	-	
Somers Town H - N.R.		84369	28	7	3	-	-	1	-	-	2	-	-	-	1	-	1	-	-	
Camden Town WH - N.R.		17311	16	6	1	3	-	1	-	-	-	-	-	-	2	-	1	5	-	
Kentish Town W - N.R.		87487	56	32	8	7	-	-	-	1	2	-	-	-	-	-	-	9	-	
Upper Holloway WWH - N.R.		67946	85	33	9	4	-	-	-	2	-	-	1	-	-	1	2	13	-	
Islington South-west HH - N.R.		100976	53	31	5	8	-	2	-	-	-	-	-	-	-	-	4	-	-	
Islington South-east - N.R.		61826	36	17	4	8	-	-	-	-	-	-	-	1	1	1	3	-	-	
Highbury H - N.R.		82048	25	11	4	1	-	3	-	-	1	-	-	-	-	1	2	-	-	
Stoke Newington H - N.R.		22781	16	12	3	3	-	-	-	2	-	-	-	-	-	-	1	-	-	
Stamford Hill - E.L.		9277	15	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - N.R.		37610	24	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hackney WWH - E.L. & N.R.		76911	51	25	4	3	-	-	-	3	1	-	-	-	-	-	-	9	-	
South Hackney - E.L.		39893	37	12	5	-	-	1	-	-	1	-	-	-	-	-	1	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		16681	9	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.R.		14864	7	8	1	4	-	-	-	-	-	-	-	-	2	-	-	5	-	
St. Giles North - - N.R.		13837	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	8	4	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Mary-le-Strand H - - N.R.		7615	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - N.R.		8559	2	7	2	1	-	-	-	-	-	-	-	-	-	-	-	3	3	
Strand Union Workhouse, Edmonton w.		-	2	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3	3	
St. Geo.-the-Martyr HHHHHH N.R.		18671	9	9	3	2	-	-	-	-	-	-	-	-	-	-	-	5	-	
St. Andrew Eastern W - - N.R.		10706	4	3	-	1	-	1	-	-	-	-	-	-	-	-	-	2	-	
Saffron Hill H - - N.R.		6583	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.		17516	13	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.R.		19281	7	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - N.R.		14773	16	4	1	-	-	-	-	-	-	-	-	-	-	1	2	-	-	
Goswell-street - - N.R.		17506	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - - N.R.		11541	12	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.		18628	25	9	2	4	-	-	-	-	-	-	-	-	-	-	-	1	-	
Whitecross-street - - N.R.		9217	8	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.		7463	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.		11174	5	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - N.R.		7193	3	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - N.R.		5388	2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - - N.R.		8396	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2	13	-	
Albion Barking - - N.R.		13666	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - N.R.		6692	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; R—Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
 rday, the 18th May, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Deaths.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
EAST DISTRICTS.																				
Well Shoreditch	N.R. & E.L.	7376	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Leonard Shoreditch	N.R.	14967	11	4	1	1	1	1	1	1	1	1	1	1	1	1	1			
on New Town w	N.R.	29987	19	10	4	3	1	1	1	1	1	1	1	1	1	1	1			
on Old Town	N.R.	28036	16	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
erston WH	N.R. & E.L.	48275	41	16	5	2	1	1	1	1	1	1	1	1	1	1	1			
ney-road H	E.L.	29738	24	5	1	1	1	1	1	1	1	1	1	1	1	1	1			
n, Bethnal Green	WHL*	47932	24	25	7	6	2	1	1	1	1	1	1	1	1	1	1			
eh, Bethnal Green	E.L.	29681	17	7	2	2	1	1	1	1	1	1	1	1	1	1	1			
a, Bethnal Green	E.L.	19910	16	5	2	1	1	1	1	1	1	1	1	1	1	1	1			
ldgels	E.L. & N.R.	22585	18	3	2	1	1	1	1	1	1	1	1	1	1	1	1			
End New Town W	E.L.	16473	28	9	4	1	1	1	1	1	1	1	1	1	1	1	1			
haniel Church H	E.L. & N.R.	17490	13	14	4	1	1	1	1	1	1	1	1	1	1	1	1			
man's Fields	E.L.	9713	5	3	3	1	1	1	1	1	1	1	1	1	1	1	1			
ate	N.R. & E.L.	6102	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1			
George's, North	E.L.	38747	31	10	5	1	1	1	1	1	1	1	1	1	1	1	1			
ohn, St. George East W	E.L.	8410	3	5	1	2	1	1	1	1	1	1	1	1	1	1	1			
well HH	E.L. & N.R.	10535	14	9	1	1	1	1	1	1	1	1	1	1	1	1	1			
W	E.L.	16107	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
house	E.L.	32041	22	9	2	2	1	1	1	1	1	1	1	1	1	1	1			
End Old Town West	E.L.	37960	27	5	1	2	1	1	1	1	1	1	1	1	1	1	1			
End Old Town East WwH	E.L.	67663	54	17	4	2	1	1	1	1	1	1	1	1	1	1	1			
r	E.L.	37074	18	7	1	1	1	1	1	1	1	1	1	1	1	1	1			
mley wvwhH	E.L.	64359	46	21	6	1	1	1	1	1	1	1	1	1	1	1	1			
ar WWH	E.L.	58077	37	17	4	3	1	1	1	1	1	1	1	1	1	1	1			
SOUTH DISTRICTS.																				
atchurch Southwark WH	L. & S.	18663	9	3	2	1	1	1	1	1	1	1	1	1	1	1	1			
l-rd	S.	14989	15	9	1	4	1	1	1	1	1	1	1	1	1	1	1			
l-rd	S. & L.	21381	17	7	2	1	1	1	1	1	1	1	1	1	1	1	1			
l-rd	S. & L.	15963	15	7	2	1	1	1	1	1	1	1	1	1	1	1	1			
l-rd HL	L. & S.	21318	17	4	1	2	1	1	1	1	1	1	1	1	1	1	1			
ity Newington	S. & L.	26772	28	12	4	3	1	1	1	1	1	1	1	1	1	1	1			
Peter Walworth W	S. & L.	59555	56	18	3	3	1	1	1	1	1	1	1	1	1	1	1			
Mary Newington	L. & S.	21623	18	15	3	4	1	1	1	1	1	1	1	1	1	1	1			
Olave WH	S.	11956	10	14	1	1	1	1	1	1	1	1	1	1	1	1	1			
ther Market	S. & L.	16300	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1			
Mary Magdalen W	S.	15669	8	10	1	1	1	1	1	1	1	1	1	1	1	1	1			
James Bermondsey	S.	54682	37	10	1	1	1	1	1	1	1	1	1	1	1	1	1			
erhithe WH	S. & K.	36024	30	18	3	3	2	1	1	1	1	1	1	1	1	1	1			
terloo-road 1st H	L. & S.	15195	10	6	1	2	1	1	1	1	1	1	1	1	1	1	1			
terloo-road 2nd H	L. & S.	16531	12	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
abeth Church 1st H	L. & S.	19876	13	18	3	2	1	1	1	1	1	1	1	1	1	1	1			
abeth Church 2nd WH	L. & S.	39859	35	15	2	3	1	1	1	1	1	1	1	1	1	1	1			
nington 1st	S. & L.	45232	39	10	4	3	1	1	1	1	1	1	1	1	1	1	1			
nington 2nd	S. & L.	35332	15	10	2	3	1	1	1	1	1	1	1	1	1	1	1			
iton wv	L. & S.	62837	46	20	3	8	1	1	1	1	1	1	1	1	1	1	1			
wood W	L.	19017	17	4	1	2	1	1	1	1	1	1	1	1	1	1	1			
Battersea	S.	54675	46	11	1	2	1	1	1	1	1	1	1	1	1	1	1			
st Battersea WwH	S.	52387	40	20	6	5	1	1	1	1	1	1	1	1	1	1	1			
ham H	S.	36580	19	9	1	3	1	1	1	1	1	1	1	1	1	1	1			
ndsworth WHL	S.	28044	31	9	2	3	1	1	1	1	1	1	1	1	1	1	1			
ney	S.	18235	11	5	1	1	1	1	1	1	1	1	1	1	1	1	1			
atham	L.	25553	23	13	3	1	1	1	1	1	1	1	1	1	1	1	1			
wich	L. & S.	5590	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
uberwell WwL*L	S. & L.	59104	50	29	4	5	1	1	1	1	1	1	1	1	1	1	1			
ham W	S., L., & K.	71889	69	20	4	5	1	1	1	1	1	1	1	1	1	1	1			
George Camberwell	L. & S.	50810	40	6	3	1	1	1	1	1	1	1	1	1	1	1	1			
Paul Deptford wv	K.	76752	61	23	1	4	5	1	1	1	1	1	1	1	1	1	1			
Nicholas Deptford	K.	7901	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1			
enwich West H	K.	21972	15	2	1	1	1	1	1	1	1	1	1	1	1	1	1			
enwich East WHH	K.	24603	24	18	2	8	2	1	1	1	1	1	1	1	1	1	1			
ham H	K.	5048	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
H	K.	21559	10	7	1	2	1	1	1	1	1	1	1	1	1	1	1			
isham WH	K.	19865	15	2	1	1	1	1	1	1	1	1	1	1	1	1	1			
enham H	L.	26076	35	10	4	1	1	1	1	1	1	1	1	1	1	1	1			
arlton H	K.	10930	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1			
olwich Dockyard	K.	17617	10	3	1	1	1	1	1	1	1	1	1	1	1	1	1			
olwich Arsenal	K.	19048	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1			
instead, West H	K.	14009	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1			
instead, East W	K.	19241	23	6	2	1	1	1	1	1	1	1	1	1	1	1	1			
Metropolitan Asylum Hospitals:																				
Dartford w																				
Winchmore Hill w																				
Plaistow w																				

the following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
 re Table by w:—

Marylebone Infirmary in Kensington Town sub-district.
 Central London Sick Asylum in Tottenham Court-road sub-district.
 Holborn Infirmary in Upper Holloway sub-district.
 London City Workhouse " Hackney sub-district.
 Holborn " " Hoxton New Town sub-district.
 Whitechapel " " Mile End Old Town Eastern sub-dist.
 London City " " Mile End Old Town Eastern sub-dist.
 " " " and Bromley sub-district.
 * Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
 Poplar & Stepney Sick Asylum " Westminster Union Industrial School in West Battersea sub-district.
 Strand and Holborn Workhouses outside Registration London.
 St. Saviour's Infirmary in Camberwell sub-district.
 Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-
 ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
 Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th May, 1889.

Regis- tration District and Sub- District Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Cause of Death.
LONDON—OUTER RING		370,924	950,957	787	278	73	69	-	8	4	3	8	2	3	5	15	26	6
30: 1	Carshalton wL	12228	21118	11	1	-	-	-	-	-	-	-	-	-	-	-	1	-
2	Epsom (part of)* WwH	9971	10710	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (part of)*	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon WwHHL	20851	101341	57	23	1	12	-	-	-	1	-	-	-	-	1	7	-
2	Mitcham w†	11697	17632	9	5	2	2	-	-	-	-	1	-	-	-	-	-	-
39: 1	Wimbledon HHH	3220	15950	12	6	-	1	-	-	-	-	1	-	-	-	-	1	-
2	Kingston WHH	8549	36354	21	4	1	2	-	-	-	-	-	-	-	-	-	-	-
3	Esher (part of)*	6601	9221	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H	4573	13639	10	5	3	1	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond WH	2272	21302	15	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Mortlake	2941	12331	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* HH	15669	31142	23	12	3	3	-	-	-	-	2	-	-	1	1	-	-
2	Chislehurst (pt. of)* WHH	14907	15844	12	4	1	1	-	-	-	1	-	-	-	-	-	-	-
42: 1	Bexley H	18437	24134	18	8	3	3	-	1	-	-	-	-	1	-	1	-	1
2	Dartford (Ww, pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w	11055	11635	5	4	2	1	-	-	-	-	-	-	-	-	1	-	-
2	Staines W	13277	12089	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125: 1	Hillingdon WHH	6029	10802	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge	6173	5225	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL	14587	11523	13	4	-	1	-	-	-	-	-	-	-	-	-	3	-
126: 1	Isleworth WHH	7003	23737	18	10	2	5	-	-	-	-	-	-	-	1	2	4	-
2	Twickenham H	2477	12479	12	9	2	3	-	-	-	-	-	-	-	-	-	2	-
3	Brentford HL	4345	27849	11	9	3	2	-	-	-	-	1	-	-	1	3	-	-
4	Chiswick	1340	15975	12	5	-	2	-	1	-	-	-	-	-	-	1	-	-
5	Acton wH	6083	22376	21	6	2	1	-	2	-	1	-	-	-	-	-	-	-
127: 1	Harrow H	13809	12796	12	1	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware H	6094	3749	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	4383	37453	27	8	3	2	-	-	-	-	-	-	-	-	1	-	-
4	Hendon W	8332	10484	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
127: 1	Bushey	9331	6621	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms	15599	6391	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet	5433	10092	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley HL	4688	17615	9	8	2	1	-	-	-	-	-	-	-	-	-	-	-
128: 1	Hatfield (part of)*	3806	588	-	-	-	-	-	-	-	-	-	-	-	1	1	3	-
129: 1	Hornsey H	3039	37078	19	9	2	2	-	-	-	-	1	-	-	-	1	-	-
2	Tottenham H	4642	48456	65	17	5	4	-	-	-	-	-	1	-	-	1	1	1
3	Edmonton Ww†	7453	23463	23	10	5	1	-	1	-	-	-	-	-	-	-	-	-
4	Enfield WH	12653	19104	18	5	-	2	-	-	-	-	-	-	-	-	-	-	-
5	Waltham Abbey	11017	5363	2	3	-	-	-	-	-	-	-	-	-	-	-	1	-
6	Cheshunt	8480	7735	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
129: 1	Stratford	882	38006	33	4	2	1	-	1	-	-	-	-	-	-	-	-	-
2	West Ham wwwwH‡	7351	101053	135	41	13	3	-	-	3	1	1	2	-	-	-	-	1
3	Leyton WwL	4372	22430	35	12	2	-	-	-	-	-	-	-	-	-	-	-	-
4	Walthamstow H	6520	23669	42	12	3	2	-	1	1	-	-	-	2	-	1	1	2
127: 1	Chigwell (part of)* H	11761	9609	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-
2	Epping (W, pt. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-
129: 1	Romford (part of)* W	6730	3411	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	3493	7645	8	4	2	-	-	1	-	-	-	-	-	-	-	-	-
3	Barking Town	4127	3203	7	6	-	-	-	-	-	-	-	-	-	-	-	-	1

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.
† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).
‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).
§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 18th May, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.*		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	14·0	1·6	1509	340	355	-	61	11	27	44	10	17	56	337		
INNER LONDON -	77,410	4,351,738	14·8	1·7	1231	267	286	-	53	7	24	36	8	14	51	311		
OUTER RING -	370,924	1,290,277	11·2	1·1	278	73	69	-	8	4	3	8	2	3	5	26		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,606,200 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
Calcutta - -	433,219	March 30	-	-	-	-	-	-	-	-	-	-	-
Bombay - -	778,196	April 23	266	505	29·0	26	35	?	?	?	187	24†	-
Madras - -	398,777	March 22	-	-	-	-	-	-	-	-	-	-	-
Paris - - -	2,260,945	May 11	1123	951	21·9	4	31	-	28*	8	8	53	-
Brussels - - with 8 Faubourgs.)	471,606	" 11	284	168	18·5	-	1	-	-	1	1	14	-
Amsterdam -	403,083	" 11	289	177	23·0	-	7	-	2	3	1	-	-
Rotterdam -	197,723	" 11	144	108	23·3	-	3	-	-	-	-	3	-
The Hague -	153,440	" 11	101	56	18·9	-	-	-	-	-	-	-	-
Copenhagen -	307,000	" 4	246	149	25·3	-	-	-	4	8	1	15	-
Stockholm -	221,549	" 4	172	84	19·1	-	-	-	3*	1	-	4	-
Christiania -	138,300	" 11	69	53	19·9	-	-	-	7	5	-	1	-
St. Petersburg	842,883	" 4	-	618	38·3	2	1	5	5	4	25	9	-
Berlin - - -	1,470,582	April 27	911	640	22·5	-	5	1	25	13	5	51	-
Hamburg (State)	575,276	May 4	386	246	22·3	-	-	-	2*	1	1	9	-
Dresden - -	264,196	" 4	191	114	22·4	?	-	-	2*	?	-	10	-
Breslau - -	315,000	" 11	243	198	31·3	-	1	-	9*	-	1	17	-
Munich - - -	281,000	" 4	207	162	30·0	-	7	2	10*	1	-	25	-
Vienna - - -	811,434	" 4	552	440	28·4	-	11	4	10	-	-	29	-
Prague - - -	304,356	" 4	-	171	29·3	8	1	3	5	1	-	4	-
Buda-Pesth -	452,907	" 4	331	289	33·2	-	-	1	3	2	4	21	-
Trieste - - -	158,084	" 4	-	63	20·7	-	-	-	1	-	-	2	-
Rome - - -	401,044	March 30	256	195	25·3	3	3	-	2	-	7†	10	-
Turin (10 days)-	306,398	April 20	-	-	-	-	-	-	-	-	-	-	-
Venice - - -	153,375	May 4	97	84	28·6	2	4	-	-	1	-	8	-
Cairo - - -	374,333	April 25	353	374	52·1	6	5	-	2*	1	28	120	-
Alexandria - -	231,396	" 25	167	199	44·9	1	13	-	-	-	10	53	-
New York - -	1,549,500	" 27	-	880	29·6	-	12	51	54	19	3	22	-
Brooklyn - -	814,505	" 27	-	324	20·6	-	15	9	20	4	-	5	-
Philadelphia -	1,040,245	" 27	-	395	19·8	-	2	5	6	4	15	2	-
Baltimore - -	500,343	" 27	-	132	13·8	-	-	1	2	2	-	1	-

* Including deaths from croup.

† Including 3 deaths from cholera.

‡ Including 2 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th MAY, 1889.
[Under the Superintendence of the Astronomer Royal.]

[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.		HARO- REFEER. Mean reading corrected and re- duced to 32° Fahr. (see Note.)	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose re- cording surfaces are 5 inches above the level of Ground. 10 Years.								
			Of the Air.				Of the Dew Point.				Of the Water Radiation.				Oselet's.												
			Of the Air.				Of the Dew Point.				Of the Water Radiation.				General Direction.												
			High- est. est.	Low- est. est.	Daily Range. value.	Mean daily value.	De- parture from mean daily value. 10 years.	Mean daily value.	Great- est. est.	Least. est.	High- est. in Sun's Rays.	Low- est. Grass.	Low- est. est.	A.M.	P.M.	Great- est.	Least. est.	Mean of 24 hourly obs.	Horizontal Movement above on each Day.	Vertical Movement above on each Day.	Robinson's.						
SUN.	12	In Equator.	52.0	46.4	5.6	40.0	0	2.8	48.6	0.4	0	0	0	0	WSW.	WSW.	lbs. 2.0	0.0	0.0	0.0	lbs. 370	Miles, +120	in. 0.13	3.0	3.0		
MON.	13	..	50.1	40.3	9.8	52.3	0	0.2	51.1	1.2	7.0	0	0	0	0	WSW.	WSW. & N.N.E.	0.0	0.0	0.0	0.0	142	-108	0.06	4.0	4.0	
TUES.	14	..	50.68	47.2	18.1	53.9	0	1.4	49.9	4.0	13.0	0	0	0	0	NE. & SE.	SE. & E.	0.6	0.0	0.0	0.0	132	-117	0.00	0.0	0.0	
WED.	15	Full.	50.678	46.7	20.4	54.0	0	1.1	49.8	4.2	12.6	0.5	0	0	0	E. & NE.	NE. & N.N.E.	0.3	0.0	0.0	0.0	202	-47	0.00	1.0	1.0	
THURS.	16	Perigee.	50.808	47.1	25.4	58.2	0	4.9	45.8	12.4	22.7	0.6	0	0	0	N. & NE.	N. & NE.	0.1	0.0	0.0	0.0	100	-149	0.00	0.0	0.0	
FRI.	17	..	50.747	47.1	23.1	56.4	0	2.7	51.8	4.6	15.5	0.0	0	0	0	NE. & N.N.E.	SE. & S.S.W.	0.4	0.0	0.0	0.0	123	-125	0.00	1.0	1.0	
SAT.	18	(Greatest) Dec. S.	50.771	48.0	22.4	53.9	0	0.2	47.8	0.1	18.0	1.0	0	0	0	SW. & WSW.	SW. & S.S.W.	0.4	0.0	0.0	0.0	190	-58	0.00	5.0	5.0	
MEANS	..	..	50.717	46.5	17.8	54.0	0	1.0	49.3	4.7	13.1	0.3	0	0	0	NE. & WSW.	NE. & WSW.	..	..	..	..	Sum 1259	Sum -484	Sum 0.19	2.0	2.0	
No. of Col.	..	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
DATE.		ELECTRICITY.		Registered Sunshine.		Sun above Horizon.		GENERAL REMARKS.		OZONE.		WIND.		TEMPERATURE.		WIND.		TEMPERATURE.		WIND.		TEMPERATURE.		WIND.		TEMPERATURE.	
MAX.		(For explanation of symbols, see Note.)		in hours.		in hours.																					
SUNDAY	12			0.0	15.4	Overcast throughout; frequent rain.																					
MONDAY	13			0.0	15.4	Overcast throughout. Foggy in morning, with rain; great gloom in evening.																					
TUESDAY	14			2.2	15.5	Overcast and misty in morning; partially cloudy and fine till evening; overcast with slight fog at night.																					
WEDNESDAY	15	The electrometer was not used throughout the week.		0.5	15.5	Overcast and foggy in morning; partially cloudy and fine in afternoon; cloudless in evening; overcast at night.																					
THURSDAY	16			10.4	15.6	Overcast with fog in morning; cloudless and very fine afterwards. Hazy.																					
FRIDAY	17			2.5	15.6	Overcast with fog in morning; fine and partially cloudy afterwards.																					
SATURDAY	18			6.1	15.7	Variable in morning; partially cloudy till evening; very fine at night.																					
SUM				Sum 27.7	Sum 108.7																						

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1893, and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1873.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day or from midnight to midnight.

The reading of the barometer increased from 29.60 in. at the beginning of the week to 29.72 in. by noon on the 13th; decreased to 29.64 by 9h. P.M. on the 14th; increased to 29.82 in. by noon on the 15th; decreased to 29.68 by 9h. P.M. on the 16th; increased to 29.74 in. by noon on the 17th; decreased to 29.64 by 9h. P.M. on the 18th.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. 19th, P.M. The means of the Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The wet bulb thermometer, the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1898 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cable Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: — E. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 28, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.60 in at the beginning of the week to 29.72 in. by 11 noon on the 18th, increased to 29.84 by 3h. P.M. on the 14th; increased to 29.82 in. by 11 noon on the 15th; increased to 29.85 in. at 3h. P.M. on the 16th; and was 29.77 in. at the

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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*General Register Office, Somerset House,
27th May, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·4 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 4.	May 11.	May 18.	May 25.		May 4.	May 11.	May 18.	May 25.
Birkenhead	19·8	20·4	14·8	14·8	Liverpool -	21·9	19·1	16·0	17·5
Birmingham	16·3	18·6	18·6	16·3	London -	16·6	15·5	14·8	15·2
Blackburn -	32·3	25·0	22·4	19·8	Manchester -	28·4	31·5	28·2	28·8
Bolton -	28·7	28·7	22·7	28·2	Newcastle-on-Tyne*	23·7	24·0	23·7	24·6
Bradford*	18·4	23·1	20·0	17·8	Norwich -	21·0	22·1	11·0	15·5
Brighton -	22·3	15·9	15·9	12·9	Nottingham -	20·6	17·1	14·5	19·1
Bristol -	18·0	17·1	15·2	16·6	Oldham -	29·3	25·3	25·7	20·2
Cardiff*	19·4	14·8	23·6	14·8	Plymouth -	30·0	22·0	20·7	28·7
Derby -	18·5	16·4	15·9	12·2	Portsmouth -	16·6	17·4	14·8	13·3
Halifax -	25·7	32·2	25·7	22·5	Preston -	29·5	31·5	38·1	30·5
Huddersfield	21·4	19·7	16·9	15·2	Salford* -	19·2	21·2	18·7	21·8
Hull -	19·6	23·6	18·6	17·1	Sheffield -	22·3	19·5	16·7	17·1
Leeds -	25·3	23·6	19·3	23·5	Sunderland -	19·8	17·5	19·8	21·0
Leicester*	13·2	16·6	11·1	12·1	Wolverhampton -	15·2	22·1	19·0	14·5

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·8 in Leeds, 2·3 in Hull, 2·8 in Manchester, 5·0 in Bolton, and 8·0 in Preston; from *scarlet fever*, 1·0 in Preston, 1·3 in Blackburn, and 3·3 in Plymouth; from *whooping-cough*, 1·4 in Bolton, 1·5 in Birkenhead, 2·0 in Preston, and 2·6 in Nottingham; and from "*fever*," 1·0 in Birkenhead, and 1·1 in Huddersfield. The 39 deaths from *diphtheria* in these twenty-eight towns included 21 in London, 5 in Birmingham, 4 in Salford, and 2 in Manchester. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2402 BIRTHS and 1267 DEATHS were registered. Allowing for increase of population, the births were 281, and the deaths 295, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the seven preceding weeks from 18·8 to 14·8, was last week 15·2. During the first eight weeks of the current quarter the death-rate averaged 16·7 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1267 deaths included 47 from *measles*, 16 from *scarlet fever*, 21 from *diphtheria*, 48 from *whooping-cough*, 5 from *enteric fever*, 1 from an ill-defined form of *continued fever*, 13 from *diarrhoea* and *dysentery*, 1 from *cholera*, and not

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

one from small-pox or typhus; thus, 152 deaths were referred to these diseases, being 81 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 20; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 68, 60, and 53 in the three preceding weeks, further declined last week to 47, and were 22 below the corrected average; 30 occurred in South London, and of these, 3 belonged to Newington, 4 to Bermondsey, 3 to Lambeth, 3 to Camberwell, and 3 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 15, 10, and 7 in the three previous weeks, rose last week to 16, but were 13 below the corrected average; 2 belonged to the City, and 5 (including 2 hospital cases from Cavendish-grove) to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 603 scarlet fever patients, against 610 on each of the two preceding Saturdays; 57 cases were admitted to these hospitals during the week, against 70, 58, and 65 in the three previous weeks. The 21 deaths from *diphtheria* showed a decline from the numbers in the two preceding weeks, but were 5 above the corrected average; 3 belonged to Kensington, 2 to Rotherhithe, and 5 (including 2 in Hurley Road) to Lambeth sanitary areas. The 48 fatal cases of *whooping-cough* exceeded the number returned in either of the two previous weeks, but were 21 below the corrected average; 7 belonged to Pancras, 4 to Hackney, 4 to Poplar, 3 to St. George Hanover Square, and 3 to Newington sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 10 and 14 in the two preceding weeks, were last week 13, and 2 below the corrected average; 10 were of children aged under 5 years. The death of a male, aged 46 years, in Stepney sanitary area was referred to "cholera nostras, 27 hours."

The 5 deaths from *enteric fever* showed a decline of 2 from the number in the previous week, and were 7 below the corrected average; 2 belonged to Camberwell sanitary area. The death of a child, aged 9 years, in Bethnal Green was indefinitely referred to "low fever." The death of a male, aged 37 years, in Islington resulted from "febris cerebro-spinalis, 10 days." The Metropolitan Asylum Hospitals contained 11 cases of enteric fever and not one of typhus on Saturday last; one case of enteric fever was admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 213 and 217 in the two preceding weeks, declined last week to 177, and were 116 below the corrected average.

Different forms of violence caused 48 deaths; 42 were the result of negligence or accident, among which were 23 from fractures and contusions, 4 (including 2 the result of conflagration) from burns and scalds, 3 from drowning, and 6 of infants under one year of age from suffocation. The 23 deaths from fractures and contusions were thus caused:—9 by accidents from vehicles or horses in the streets; 1 by accident on railway; 1 by injuries from fall of scaffold-pole; 1 by injuries from fall of a barrel of beer; 1 by fall from window; 2 by fall down stairs; 1 by fall from scaffold; 1 by fall from loft; 1 by fall on floor; 1 by blow; 1 by fracture, the cause of which was not stated; and 3 by fall, the nature of which was not stated. An inquest was held in each of these 23 cases except one of the last three. Six cases of suicide were registered, being 4 below the corrected average.

GREATER LONDON.

In Greater London 3192 births and 1590 deaths were registered, corresponding to annual rates of 29·5 and 14·7 per 1000 of the estimated population. In the Outer Ring 15 fatal cases of measles, 9 of whooping-cough, 4 of scarlet fever, and 4 of diphtheria were registered. The 15 deaths from measles included 2 in Croydon, 2 in Acton, 2 in Hornsey, 2 in Stratford, and 2 in West Ham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 ins.; the highest reading was 29·93 ins. on Monday evening, and the lowest 29·37 ins. on Saturday morning. The mean temperature of the *air* was 61·9, and 60·7 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday, but exceeded the average on each of the other days of the week; the excess was exceptionally large on Thursday and Friday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 5·8 miles per hour, which was 4·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·51 of an inch. The duration of registered bright sunshine in the week was 49·1 hours, against 49·0 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 25th May, 1889.

CITIES AND BOROUGHES.	Registered during the Week ending 25th May, 1889.				The DEATHS registered in the Week include												TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.			
	POPULATION estimated to the middle of the year 1887.	1.	2.	3.	Deaths of				Deaths from								Annual Rate per 1000, corresponding to the Week's Deaths	Highest.	Lowest.	Mean.	In Inches.	In Centi- metres.				
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.								Unspecified Causes of Death.	From All Causes.	From Diseases in Coli. B-12.
Cols.	5582	3190	775	639	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.		
28 TOWNS* -	9,555,406																	85.2	44.0	58.1	14.50	0.37	0.94	- 28 TOWNS.		
LONDON -	4,351,738	2402	1267	301	286	47	16	21	48	6	13	48	90	343	13	15.2	1.8	85.2	45.3	61.9	16.61	0.51	1.30	LONDON.		
BRIGHTON -	121,807	56	30	11	6	1	1	1	2	1	1	1	4	4	4	12.9	0.9	79.6	44.0	59.0	15.00	0.06	0.15	BRIGHTON.		
PORTSMOUTH -	141,253	70	36	11	6	1	1	1	2	1	1	1	1	1	1	15.5	0.6	-	-	-	-	-	-	PORTSMOUTH.		
NORWICH -	94,510	66	28	9	10	1	1	1	2	1	1	1	3	3	3	28.7	6.0	70.1	45.0	56.8	13.78	0.11	0.28	NORWICH.		
PLYMOUTH -	78,225	45	43	7	10	1	1	1	2	1	2	2	5	8	19	5	16.6	1.6	72.5	46.5	57.3	14.06	0.75	1.90	PLYMOUTH.	
BRISTOL -	229,361	140	73	15	13	2	2	1	1	1	1	1	2	2	2	14.5	1.3	76.9	45.1	57.4	14.11	0.42	1.07	BRISTOL.		
WOLVERHAMPTON -	82,544	58	23	11	3	1	1	1	1	1	1	1	2	2	2	16.3	2.2	-	-	-	-	-	-	WOLVERHAMPTON.		
BIRMINGHAM -	454,835	275	142	39	34	4	2	5	5	1	2	5	12	32	2	16.3	2.2	-	-	-	-	-	-	BIRMINGHAM.		
LEICESTER* -	150,520	98	35	11	10	-	-	-	1	1	1	1	4	6	2	12.1	1.0	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM -	237,812	123	87	25	15	-	1	1	12	-	-	-	7	5	1	19.1	3.1	78.0	45.3	58.9	14.94	0.08	0.20	NOTTINGHAM.		
DERBY -	48,529	39	23	6	7	1	1	1	1	1	1	1	1	1	1	12.2	0.0	-	-	-	-	-	-	DERBY.		
BIRKENHEAD -	102,541	55	29	7	4	1	1	1	3	2	2	2	2	4	1	14.8	3.1	-	-	-	-	-	-	BIRKENHEAD.		
LIVERPOOL -	606,562	306	203	53	26	3	3	1	7	7	7	11	14	39	6	17.5	2.4	72.0	46.6	56.0	13.33	0.14	0.36	LIVERPOOL.		
HOLTON -	114,670	86	62	18	7	11	1	1	3	1	1	1	3	7	4	23.2	6.8	-	-	-	-	-	-	HOLTON.		
MANCHESTER -	378,800	259	209	55	24	20	4	2	2	2	5	5	12	40	5	28.8	4.8	-	-	-	-	-	-	MANCHESTER.		
SALFORD* -	234,283	129	98	20	14	3	3	4	2	4	1	2	6	11	4	21.8	3.5	-	-	-	-	-	-	SALFORD.		
OLDHAM -	142,405	78	55	11	6	1	1	2	2	2	4	2	2	6	1	20.2	3.7	-	-	-	-	-	-	OLDHAM.		
BLACKBURN -	121,275	83	46	14	10	-	3	3	3	3	3	3	3	9	2	19.8	2.6	-	-	-	-	-	-	BLACKBURN.		
PRESTON -	104,194	89	61	18	7	16	2	2	4	1	1	1	1	1	2	30.5	11.0	-	-	-	-	-	-	PRESTON.		
HUDDERSFIELD -	92,825	35	27	4	8	-	1	1	1	1	1	1	1	4	1	15.2	2.2	-	-	-	-	-	-	HUDDERSFIELD.		
HALIFAX -	81,080	40	35	9	8	1	1	1	1	1	1	1	1	2	1	22.5	1.3	-	-	-	-	-	-	HALIFAX.		
BRADFORD* -	235,056	139	80	14	25	-	3	1	6	1	1	4	6	10	1	17.8	2.4	77.0	49.2	59.1	15.06	0.94	2.39	BRADFORD.		
LEEDS -	367,449	230	161	30	25	12	1	1	3	2	1	3	8	12	2	23.5	2.8	-	-	-	-	-	-	LEEDS.		
SHEFFIELD -	327,227	219	107	29	21	4	4	1	1	1	3	4	7	10	7	17.1	2.4	-	-	-	-	-	-	SHEFFIELD.		
HULL -	208,017	119	68	15	11	9	1	1	2	1	1	2	2	8	4	17.1	3.0	-	-	-	-	-	-	HULL.		
SUNDERLAND -	134,138	99	54	10	19	-	1	1	2	1	1	3	6	7	1	21.0	0.4	-	-	-	-	-	-	SUNDERLAND.		
NEWCASTLE* -	160,983	103	76	19	19	3	1	1	3	1	2	3	7	15	1	24.6	2.9	69.0	44.0	56.3	13.50	0.33	0.84	NEWCASTLE.		
CARDIFF* -	112,712	81	32	10	1	1	1	1	2	1	1	1	1	3	1	14.8	2.3	-	-	-	-	-	-	CARDIFF.		
EDINBURGH -	266,900	124	85	24	14	1	1	1	4	1	1	1	1	17	20	16.6	1.4	74.4	41.5	56.8	13.78	0.00	0.00	EDINBURGH.		
GLASGOW -	523,144	402	290	77	38	21	6	5	43	1	3	7	9	28	28	28.7	7.8	75.6	43.3	58.5	14.72	0.00	0.00	GLASGOW.		
DUBLIN -	353,082	197	142	22	39	1	1	1	2	1	1	6	8	53	9	21.0	0.9	72.3	38.6	55.9	18.28	0.01	0.03	DUBLIN.		

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FIRST Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2369	2618	2411	2401	2692	2627	2209	2431	2571	2278	2683·3	2402
Males . .	1242	1353	1215	1244	1383	1310	1144	1231	1315	1151	1373·2	1218
Females .	1127	1260	1196	1157	1309	1317	1065	1200	1256	1127	1310·1	1184
TOTAL Deaths	1497	1333	1452	1435	1518	1427	1538	1229	1534	1361	1562·0	1267
Males . .	799	692	756	723	803	769	805	631	793	703	815·9	664
Females .	698	641	696	712	712	658	733	598	741	653	746·1	603

*The numbers in this column are the average weekly numbers in the twenty-first weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.
TOTAL Births - -	2609	2698	2699	2670	2808	2676	2509	2488	2522	2712	2565	2648	2402
TOTAL Deaths - -	1472	1637	1638	1554	1476	1572	1493	1426	1462	1386	1295	1231	1267
Ages at {													
0–20 years - -	681	695	719	666	642	729	671	670	708	626	577	571	608
20–40 „ - -	153	175	188	165	200	175	183	174	171	184	175	169	152
40–60 „ - -	254	309	298	274	274	287	266	214	256	266	251	205	221
Death {													
60–80 „ - -	314	391	357	366	287	305	310	299	264	258	245	232	224
at 80 years & upwds.	70	67	76	83	73	76	63	69	63	52	47	54	62
{ Under 1 year - -	349	322	362	317	316	368	322	299	361	309	287	267	301
1–5 „ - -	257	277	249	276	242	261	251	279	273	246	218	225	222
5–20 „ - -	75	96	108	73	84	100	98	92	74	71	72	79	85
Deaths from Small-pox - -	-	-	-	-	-	-	-	-	-	-	-	-	-
„ „ Measles - -	67	76	60	84	56	74	72	70	65	68	60	53	47
„ „ Scarlet fever - -	12	16	16	6	11	15	13	10	9	15	10	7	16
„ „ Diphtheria - -	25	20	31	23	18	26	36	22	29	21	23	24	21
„ „ Whooping-cough - -	31	29	37	42	51	49	43	51	56	55	37	36	48
„ „ Typhus - -	1	-	-	-	-	-	1	-	-	-	-	-	-
„ „ Enteric fever - -	6	4	6	4	8	9	10	6	3	5	5	7	5
„ „ Simple Cont'd fever - -	-	3	-	-	-	-	1	-	1	2	4	1	1
„ „ Diarrhœa and Dysentery - -	18	15	14	18	9	17	11	10	18	12	10	14	13
„ „ Cholera - -	-	-	2	-	-	-	-	-	-	-	-	-	1
„ „ all the above-mentioned Diseases - -	160	163	166	177	153	190	187	169	181	178	149	142	152
„ „ Dis. of Respiratory System - -	362	402	396	378	332	364	294	300	305	242	213	217	177
„ „ Phthisis - -	127	161	162	139	153	170	152	128	164	143	125	137	148
„ „ Dis. of Circulatory System - -	116	150	157	127	153	146	155	98	119	154	134	97	98
Violent Deaths - -	57	52	63	53	52	69	68	57	69	55	66	51	48
Inquest Cases - -	118	114	127	111	125	130	130	111	116	107	125	85	90
Deaths in Public Institutions - -	353	395	378	366	354	340	325	315	331	315	310	311	343
TEMPERATURE OF THE AIR													
Mean - -	32·8	37·4	38·8	42·5	45·6	43·5	43·5	46·5	47·5	50·8	57·7	54·0	61·9
Mean of Highest readings - -	37·7	46·3	46·8	50·3	54·6	51·8	50·4	55·3	57·8	61·9	67·9	64·5	75·1
Mean of Lowest readings - -	29·8	28·9	31·2	35·7	38·6	37·4	38·6	39·8	39·1	41·5	49·1	46·7	50·8
Humidity of the Air - -	83	75	80	80	81	78	90	84	80	79	77	85	77
Rain-fall in inches - -	0·13	0·54	0·04	0·53	0·11	0·27	0·56	0·10	0·75	0·79	0·71	0·19	0·51
Registered Sunshine (in hours) - -	7·6	26·0	14·8	18·4	14·3	21·3	8·6	12·5	31·3	39·8	37·5	27·7	49·1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; L. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIRST Week of the Year 1889.

USES OF DEATH.	Corrected Averages for the 21st Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 25th May 1889.								CAUSES OF DEATH.	Corrected Averages for the 21st Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 25th May 1889.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-4.	5-20.								0-1.	1-4.	5-20.				
ALL CAUSES - -	1562.0	1267	301	222	85	152	221	224	62	Diseases of Organs of Special Sense † - - -	2.3	4	2	-	-	2	-	-	-
Small-pox { Vaccinated - - - - - Unvaccinated - - - - - No Statement - - - - - }	20.2	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - - - -	101.1	93	2	2	7	19	30	30	8
Measles - - - - -	63.5	47	10	32	3	1	1	-	-	Croup - - - - -	13.3	5	2	3	-	-	-	-	-
Scarlet Fever - - - - -	20.4	16	1	11	4	-	-	-	-	Bronchitis - - - - -	156.6	88	25	25	-	-	7	23	8
Diphtheria - - - - -	0.2	-	-	-	-	-	-	-	-	Pneumonia - - - - -	89.7	73	24	23	3	7	6	9	1
Erysipelas - - - - -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - - - -	5.0	2	-	1	-	1	-	-	-
Whooping-cough - - - - -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - -	23.1	7	1	3	2	-	-	1	-
Measles - - - - -	0.1	-	-	-	-	-	-	-	-	Dentition † - - - - -	17.8	8	5	3	-	-	-	-	-
Scarlet Fever - - - - -	69.0	43	19	25	4	-	-	-	-	Quinsy, Sore Throat † - -	2.7	1	-	-	-	1	-	-	-
Diphtheria - - - - -	15.5	21	2	9	10	-	-	-	-	Enteritis - - - - -	8.3	10	5	2	-	-	1	2	-
Erysipelas - - - - -	2.3	1	-	-	1	-	-	-	-	Peritonitis - - - - -	7.2	6	-	1	-	1	3	1	-
Whooping-cough - - - - -	12.0	5	-	1	1	1	1	1	-	Diseases of Liver - - - -	30.4	22	1	-	1	4	7	0	-
Measles - - - - -	0.8	1	-	-	-	-	1	-	-	Other Diseases of Digestive System - -	31.0	26	2	1	3	4	9	6	1
Scarlet Fever - - - - -	15.2	13	6	4	-	1	-	1	1	Diseases of Lymphatic System & of Ductless Glands † - - - - -	1.5	4	-	1	-	3	-	-	-
Diphtheria - - - - -	0.5	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - - -	34.7	41	1	1	3	5	13	15	3
Erysipelas - - - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Generative System - - - - -	5.8	4	-	-	-	-	3	1	-
Whooping-cough - - - - -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	3.8	4	-	-	1	3	-	-	-
Measles - - - - -	0.5	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - - - -	8.1	13	1	1	4	4	1	2	-
Scarlet Fever - - - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - - - -	6.2	4	1	1	-	-	-	2	-
Erysipelas - - - - -	0.0	-	-	-	-	-	-	-	-	Violent Deaths.†									
Whooping-cough - - - - -	0.5	-	-	-	-	-	-	-	-	Accident.)									
Measles - - - - -	10.8	14	10	1	-	-	2	1	-	Fracture and Contusion - -	21.5	23	-	6	4	4	8	1	-
Scarlet Fever - - - - -	4.4	1	1	-	-	-	-	-	-	Gunshot Wound - - - - -	0.0	-	-	-	-	-	-	-	-
Erysipelas - - - - -	3.3	3	1	-	-	1	1	-	-	Cut, Stab - - - - -	0.2	-	-	-	-	-	-	-	-
Whooping-cough - - - - -	5.8	2	-	-	-	2	-	-	-	Burn and Scald - - - - -	3.2	4	-	1	-	-	1	1	1
Measles - - - - -	1.5	1	-	-	1	-	-	-	-	Poison - - - - -	1.1	-	-	-	-	-	-	-	-
Whooping-cough - - - - -	2.3	3	3	-	-	-	-	-	-	Drowning - - - - -	7.9	3	-	1	-	1	-	1	-
Measles - - - - -	0.4	-	-	-	-	-	-	-	-	Suffocation - - - - -	13.0	8	6	2	-	-	-	-	-
Scarlet Fever - - - - -	0.9	1	1	-	-	-	-	-	-	Otherwise - - - - -	2.1	4	2	-	-	-	1	1	-
Erysipelas - - - - -	5.1	10	-	-	-	3	6	1	-	(HOMICIDE.)									
Whooping-cough - - - - -	6.2	6	-	1	2	1	2	-	-	Murder & Manslaughter - -	1.9	-	-	-	-	-	-	-	-
Measles - - - - -	2.0	3	-	-	-	1	-	2	-	(SUICIDE.)									
Scarlet Fever - - - - -	2.8	4	-	-	-	-	1	3	-	Gunshot Wound - - - - -	0.5	1	-	-	-	1	-	-	-
Diphtheria - - - - -	4.7	3	2	1	-	-	-	-	-	Cut, Stab - - - - -	1.7	1	-	-	-	-	-	1	-
Erysipelas - - - - -	58.3	54	-	-	-	5	27	22	-	Poison - - - - -	1.7	-	-	-	-	-	-	-	-
Whooping-cough - - - - -	23.0	17	9	7	1	-	-	-	-	Drowning - - - - -	2.0	1	-	-	-	1	-	-	-
Measles - - - - -	33.2	21	8	8	5	-	-	-	-	Hanging - - - - -	3.0	2	-	-	-	-	2	-	-
Scarlet Fever - - - - -	166.9	143	2	4	15	65	48	13	1	Otherwise - - - - -	1.5	1	-	-	-	-	1	-	-
Diphtheria - - - - -	19.3	17	5	6	3	1	2	-	-	(EXECUTION.)									
Erysipelas - - - - -	7.6	9	1	-	2	2	-	4	-	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-
Whooping-cough - - - - -	36.2	41	41	-	-	-	-	-	-	OTHER CAUSES † - - -	50.8	52	40	7	1	1	-	3	-
Measles - - - - -	3.2	2	2	-	-	-	-	-	-										
Scarlet Fever - - - - -	6.2	12	12	-	-	-	-	-	-										
Diphtheria - - - - -	51.2	47	-	-	-	-	-	21	26										
Whooping-cough - - - - -	44.3	47	-	1	-	2	19	17	8										
Measles - - - - -	7.1	4	1	-	-	-	3	-	-										
Scarlet Fever - - - - -	50.3	40	34	6	-	-	-	-	-										
Diphtheria - - - - -	99.3	83	10	18	5	3	15	23	4										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."
§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total BIRTHS.	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.
				Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON	3,815,704	2402	1267	301	286	-	47	16	21	48	-	5	1	13	48	90	343	
West Districts	669,693	349	280	51	54	-	5	2	5	10	-	2	-	3	7	16	66	
North Districts	905,947	503	271	60	77	-	6	4	2	16	-	1	-	4	6	10	70	
Central Districts	282,238	130	79	18	16	-	3	1	2	-	-	1	-	3	3	9	26	
East Districts	692,738	502	226	61	52	-	3	-	2	7	-	-	1	2	15	27	74	
SOUTH DISTRICTS	1,265,143	916	461	111	87	-	30	9	10	15	-	1	-	1	15	28	107	
METROPOLITAN ASYLUM FOR PITIALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																		
St. Mary Paddington WHH G.J. & W.M.	68983	54	14	3	5	-	-	-	-	1	-	-	-	-	-	-	5	
St. John Paddington H - - - G.J.	37380	13	6	1	1	-	-	-	-	-	-	-	-	-	-	-	4	
Kensington Town W - - - W.M.	120141	54	43	7	12	-	-	-	1	-	1	-	-	-	2	2	15	
Brompton H - - - W.M. & C.	43010	9	10	-	3	-	-	-	-	-	-	-	-	-	-	-	1	
St. Peter Hammersmith - - - W.M.	7599	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.	64340	45	17	5	4	-	-	1	1	2	2	-	-	1	-	1	9	
Fulham W - - - W.M. & C.	42900	59	29	10	5	-	-	-	-	-	1	-	-	-	1	2	3	
Chelsea South HHH - - - C.	6396	18	14	4	1	-	-	-	-	-	-	-	-	1	-	1	5	
Chelsea North-west WHHHHH C.	24925	11	13	2	4	-	-	-	-	1	-	-	-	-	-	-	-	
Chelsea North-east - - - C.	32807	18	8	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair W - - - G.J.	30353	3	7	-	3	-	1	-	-	-	1	-	-	-	-	-	3	
Belgrave WHHH - - - C.	59220	30	26	9	5	-	-	-	-	-	2	-	-	-	2	4	7	
St. John Westminster HHH - - C.	35496	17	11	1	3	-	-	-	-	-	1	-	-	-	-	-	-	
St. Margaret Westminster H - - C.	24670	7	14	2	2	-	-	-	-	-	-	1	-	-	-	-	-	
St. James Westminster WHH N.R. & G.J.	29941	5	11	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHHHH - N.R.	16608	5	5	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - W.M.	26759	9	8	-	1	-	-	-	-	-	-	-	-	1	-	1	3	
Caendish Square HHHH - - W.M.	14391	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.	24809	8	7	2	1	-	1	-	-	-	-	-	-	-	-	1	1	
St. Mary Marylebone HHH G.J. & W.M.	21118	22	4	-	1	-	-	-	-	2	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.	33700	15	9	5	1	-	-	-	-	-	-	-	-	-	1	1	-	
St. John Marylebone H - - W.M.	33638	10	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead WWHHHH N.R. & W.M.	45452	25	23	4	6	-	1	1	1	1	-	-	-	-	-	-	5	
Regent's Park Panora H - - W.M.	39115	23	11	5	3	-	-	-	-	3	-	-	-	-	-	-	-	
Tottenham-court WHHHH N.R. & W.M.	27729	12	13	5	4	-	-	-	-	1	-	-	-	1	-	1	9	
Gray's Inn Lane HHH - - - N.R.	30247	12	8	1	1	-	1	-	1	-	-	-	-	-	-	-	-	
Somers Town H - - - N.R.	34369	18	8	3	3	-	-	-	-	-	-	-	-	-	1	1	-	
Camden Town WH - - - N.R.	17811	12	18	1	11	-	-	-	-	-	-	-	-	-	1	2	12	
Kentish Town W - - - N.R.	87487	59	26	3	9	-	-	-	-	-	3	-	-	-	-	-	-	
Upper Holloway WWH - - N.R.	67946	48	40	8	13	-	-	-	1	-	-	-	-	1	-	-	20	
Islington South-west HH - - N.R.	109576	50	18	5	4	-	1	-	-	-	-	-	-	3	3	-	-	
Islington South-east - - - N.R.	61825	33	14	4	5	-	1	-	1	-	-	-	-	-	-	-	-	
Highbury H - - - N.R.	62043	35	8	1	4	-	1	-	-	-	-	-	-	-	-	-	1	
Stoke Newington H - - - N.R.	22781	10	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill - - - E.L.	9277	8	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - - N.R.	37610	23	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hackney WWH - - - E.L. & N.R.	76911	50	35	8	8	-	-	3	-	-	2	-	1	-	-	-	11	
South Hackney - - - E.L.	39893	20	7	1	-	-	-	-	-	1	2	-	-	-	-	-	-	
CENTRAL DISTRICTS.																		
St. George Bloomsbury - - - N.R.	16681	4	6	2	1	-	2	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - - N.R.	14854	18	6	1	1	-	-	-	-	-	-	-	-	-	1	-	3	
St. Giles North - - - N.R.	18397	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.	17509	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand H - - - N.R.	7515	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Clement Danes H - - - N.R.	8559	1	5	1	-	-	-	-	-	1	-	-	-	-	1	1	5	
Strand Union Workhouse, Edmonton w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Geo.-the-Martyr HHHHHHH N.R.	18371	7	8	3	3	-	-	-	-	1	-	-	-	-	-	-	4	
St. Andrew Eastern W - - - N.R.	10706	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Saffron Hill H - - - N.R.	6538	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - - N.R.	17516	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - - N.R.	19281	7	4	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
Pentonville - - - N.R.	14773	11	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - - N.R.	17506	15	8	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Old-street H - - - N.R.	11541	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
City-road HHL - - - N.R.	18623	15	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street - - - N.R.	9217	9	1	-	1	-	-	-	-	-	-	-	-	1	-	1	1	
Finchbury - - - N.R.	7463	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - - N.R. & E.L.	11174	4	5	1	2	-	-	-	-	-	-	-	-	-	-	-	1	
Cripplegate - - - N.R.	7193	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - - N.R.	13355	-	12	-	-	-	-	1	1	-	-	1	-	-	1	1	-	
St. Bride W - - - N.R.	8396	1	3	-	2	-	-	-	-	-	-	-	-	-	1	-	10	
Alhambra Barking - - - N.R.	13666	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - - N.R.	5652	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London; and *K.* the Kent Company.

REGISTRATION		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of												
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Summer con- tinued Fever.	Dysentery.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																	
Well Shoreditch	N.R. & E.L.	7376	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch	H.L.	14967	17	6	-	-	-	-	-	-	-	-	-	-	-	-	-
ton New Town	-	29937	13	12	3	3	-	-	-	-	-	-	-	-	-	-	-
ton Old Town	-	28086	4	4	4	6	-	-	-	-	-	-	-	-	-	-	-
gerston	W.H.	46275	27	21	4	6	-	-	-	-	-	-	-	-	-	-	-
Key-road	H.	29738	80	4	2	-	-	-	-	-	-	-	-	-	-	-	-
rob, Bethnal Green	W.H.L.	47932	22	17	2	6	-	-	-	-	-	-	-	-	-	-	-
rob, Bethnal Green	-	29981	16	6	2	-	1	-	-	-	-	-	-	-	-	-	-
n, Bethnal Green	-	19310	23	4	-	12	-	-	-	-	-	-	-	-	-	-	-
Alfields	-	22585	18	4	2	-	-	-	-	-	-	-	-	-	-	-	-
End New Town	W	15473	19	3	1	-	-	-	-	-	-	-	-	-	-	-	-
te chapel Church	H	17490	10	23	3	1	-	-	-	-	-	-	-	-	-	-	-
man's Fields	-	9713	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gate	-	6102	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
George's, North	-	38747	37	8	5	-	-	-	-	-	-	-	-	-	1	-	-
John, St. George East	W	8410	4	9	1	6	-	-	-	-	-	-	-	-	1	6	-
Jwell	H.H.	10995	6	6	3	-	-	-	-	-	-	-	-	-	-	4	-
Bliff	-	16107	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-
chouse	-	32041	26	11	4	12	-	-	1	-	-	-	-	-	-	-	1
End Old Town West	-	37960	33	11	3	1	-	-	-	-	-	-	-	-	1	-	-
End Old Town East	W.H.	67653	38	21	8	5	-	-	-	-	-	-	-	1	4	8	-
L.	-	37074	19	11	3	4	-	-	-	-	-	-	-	1	2	5	-
mley	W.H.	64859	78	20	9	3	-	-	-	-	-	-	-	1	1	3	-
lar	W.H.	55077	49	17	4	4	-	-	-	-	-	-	-	1	1	-	-
SOUTH DISTRICTS.																	
atechurch Southwark	W.H.	12663	7	3	1	-	-	-	-	-	-	-	-	-	1	-	1
Saviour Southwark	-	14999	5	9	1	2	-	-	-	-	-	-	-	1	1	-	-
-road	-	21381	19	10	3	1	-	-	-	-	-	-	-	-	-	-	-
ough-road	W.H.	15953	14	8	4	-	-	-	-	-	-	-	-	-	1		

<p>Laylebone Infirmary in Kensington Town sub-district.</p> <p>central London Sick Asylum, in Tottenham Court-road sub-district.</p> <p>Olborn Infirmary " "</p> <p>Ondon City Workhouse " Hackney sub-district.</p> <p>" " Hoxton New Town sub-district.</p> <p>Whitechapel " Mile End Old Town Eastern sub-dist.</p> <p>" " Mile End Old Town Eastern sub-dist.</p> <p>Ondon City " " and Bromley sub-district.</p>	<p>Stepney Workhouse in Bromley sub-district.</p> <p>Popey & Stepney Sick Asylum Westminster Union Industrial School in West Battersea sub-district.</p> <p>Strand and Holborn Workhouses outside Registration London.</p> <p>St. Saviour's Infirmary in Camberwell sub-district.</p> <p>Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.</p>
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* Private Lunatic Asylums in which patients are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 25th May, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	700	323	63	74	-	15	4	4	9	1	3	16	22	40	
30: 1	Carshalton <i>wL</i> -	12228	21118	11	11	1	5	-	-	-	-	-	-	-	-	-	8	
2	Epsom (part of)* <i>WwH</i>	9971	10710	8	1	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of)* -	2754	1235	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHHL</i> -	20851	101241	62	86	5	10	-	2	-	-	1	-	-	1	2	3	
2	Mitcham <i>w†</i> -	11697	17932	17	7	3	-	-	-	-	1	2	-	-	-	-	1	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	15	4	1	2	-	-	-	-	2	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	21	13	3	4	-	-	-	-	2	-	-	-	-	1	
3	Esher (part of)* -	6601	9221	4	4	-	-	-	-	-	-	-	-	-	1	1	-	
4	Hampton <i>H</i> -	4573	13539	11	5	1	1	-	1	-	-	-	-	-	1	1	-	
40: 1	Richmond <i>WH</i> -	2372	21302	15	3	2	-	-	-	-	-	-	-	-	-	-	-	
2	Mortlake -	2941	12331	14	8	3	2	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i>	15669	31142	30	13	4	2	-	-	1	-	-	1	-	1	1	1	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	8	5	-	2	-	-	-	-	-	-	-	-	-	1	
42: 1	Bexley <i>H</i> -	18487	24134	15	7	2	2	-	1	-	1	-	-	-	2	2	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i> -	11055	11685	6	3	-	1	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	10	1	-	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10802	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	6173	5225	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	9	7	-	3	-	-	-	-	-	-	-	-	-	5	
126: 1	Isleworth <i>WHH</i> -	7008	22727	23	12	3	6	-	-	-	-	-	-	-	1	2	3	
2	Twickenham <i>H</i> -	2477	12479	12	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27649	24	6	1	2	-	-	-	-	-	-	-	2	2	-	
4	Chiswick -	1340	15975	13	2	-	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	4083	22876	15	11	1	3	-	2	-	-	-	-	-	-	1	-	
127: 1	Harrow <i>H</i> -	13809	15795	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	28	11	3	2	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8382	10484	5	5	1	1	-	-	-	-	-	-	-	1	1	-	
127: 1	Bushey -	9331	6621	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
128: 1	South Mimms -	15599	6391	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10092	12	4	-	2	-	-	-	-	-	-	-	-	-	1	
3	Finchley <i>HL</i> -	4688	17615	15	8	-	2	-	-	-	-	-	-	-	-	-	5	
128: 1	Hatfield (part of)* -	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3030	37078	32	9	1	3	-	2	-	1	-	-	-	-	-	-	
2	Tottenham <i>H</i> -	4642	46456	57	24	5	4	-	1	-	1	-	-	2	1	2	-	
3	Edmonton <i>Ww†</i> -	7453	23463	18	9	2	4	-	-	-	-	-	-	-	-	-	-	
4	Enfield <i>WH</i> -	12653	19104	15	3	1	-	-	-	-	-	-	-	-	1	2	-	
5	Waltham Abbey -	11017	3368	3	-	-	-	-	-	-	-	-	-	-	-	-	1	
6	Chesham -	8480	7735	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
126: 1	Stratford -	832	38066	53	14	4	2	-	2	1	-	-	-	1	3	2	-	
2	West Ham <i>wvwH†</i> -	7351	101053	96	32	7	2	-	2	1	-	1	-	-	-	-	-	
3	Leyton <i>WwL</i> -	4373	32430	34	22	2	7	-	1	-	-	1	-	-	1	2	7	
4	Walthamstow <i>H</i> -	6520	28569	47	11	5	-	-	-	1	-	-	-	-	-	1	-	
127: 1	Chigwell (part of)* <i>H</i>	11761	9069	6	2	-	-	-	-	-	-	-	-	-	-	1	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
129: 1	Romford (part of)* <i>W</i>	6730	3411	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	6	2	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	10	1	1	-	-	1	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Asstant and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1918); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 247); 135: 1, the parish of Norton in Haze also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 127: 2, Watford, and 127: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 25th May, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
TER LONDON	448,334	5,642,015	14.7	1.7	1590	364	360	-	62	20	25	57	7	16	64	383	
TER LONDON -	77,410	4,351,738	15.2	1.8	1267	301	236	-	47	16	21	48	6	13	48	343	
TER RING -	370,924	1,290,277	13.1	1.5	323	63	74	-	15	4	4	9	1	3	16	40	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,606,200 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
BOMBAY	438,219	March 30	-	-	-	-	-	-	-	-	-	-	-
BOMBAY	773,196	April 30	280	470	31.7	22	30	?	?	?	137	36+	
CHENNAI	398,777	March 22	341	343	44.7	2	48	?	?	?	72	51+	
COLOMBO	2,280,945	May 18	1248	922	21.2	2	17	6	42+	6	12	54	
CHENNAI (8 Faubourgs.)	471,606	" 18	253	131	14.4	-	-	-	-	-	1	13	
AMSTERDAM	403,083	" 18	258	171	22.2	-	7	-	-	2	-	-	
AMSTERDAM	197,723	" 18	133	90	23.6	-	12	-	-	-	-	-	
LA HAYE	153,440	" 18	97	52	17.6	-	-	-	1	-	-	-	
COPENHAGEN	307,000	" 11	206	135	22.9	-	-	1	7	5	-	3	
COPENHAGEN	221,549	" 11	143	90	20.5	-	-	4	2+	2	1	10	
CONSTANTINOPLE	138,300	" 18	67	49	18.4	-	-	1	5	3	-	2	
PETERSBURG	842,883	" 11	-	595	36.8	1	1	6	5	9	26	72	
BRUSSELS	1,470,582	" 4	900	610	21.4	-	3	4	13	12	4	42	
BRUSSELS (State)	175,276	" 11	450	291	26.4	-	-	2	7+	4	1	13	
BRUSSELS	264,196	" 11	192	95	18.7	?	1	-	1	?	-	6	
BRUSSELS	315,000	" 18	216	203	33.8	-	3	-	6+	-	-	23	
BRUSSELS	281,000	" 11	204	185	34.2	1	3	4	6+	3	-	25	
BRUSSELS	311,434	" 11	531	461	29.5	1	11	2	7	3	4	19	
BRUSSELS	304,356	" 11	-	185	31.7	10	3	2	9	2	2	9	
BRUSSELS	452,907	" 11	327	268	30.8	-	-	1	5	3	1	26	
BRUSSELS	158,084	" 11	-	69	22.7	-	-	-	1	-	1	1	
BRUSSELS	461,044	April 6	245	205	26.6	3	5	1	4	-	6+	3	
BRUSSELS (10 days)	306,398	" 20	243	202	24.1	-	5	2	4	2	1	10	
BRUSSELS	153,375	May 11	88	89	30.3	7	2	-	-	2	-	8	
BRUSSELS	374,938	" 2	366	386	53.7	12	3	-	-	4	26	133	
BRUSSELS	231,396	" 2	186	187	42.2	2	9	-	1	-	7	55	
NEW YORK	1,549,500	" 4	-	731	24.6	-	8	34	56	20	2	12	
NEW YORK	814,505	" 4	-	333	21.2	-	3	8	27	3	1	4	
PHILADELPHIA	1,040,245	" 4	-	402	20.2	-	5	9	7	5	10	4	
BALTIMORE	500,843	" 4	-	152	15.9	-	-	-	1	2	-	1	

* Including deaths from croup.

† Including 4 deaths from cholera in Bombay, and 2 in Madras.

‡ Including 4 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25TH MAY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving funnels are above the Ground.							
Phases of the Moon.	HABO- METER.	Of the Air.				Of the Dew Point.		Difference between the Air Temperature and Dew Point Temperature.		Degree of Radiation.		General Direction.		Pressure on the Square Foot.		Robinson's.									
		High. est.	Low. est.	Daily Range.	Mean value.	De- parture from average of 39 years.	Mean value.	Great- est.	Least.	High- est in Sun's Rays.	Low- est.	A.M.	P.M.	Great- est.	Least.	Horizontal Movement of the Air Average of each Day.	Departure from Average of 16 Years.								
MAY.																									
SUN. . 19		in.	61.6	45.3	18.3	53.1	1.6	7.6	0.0	94	110.0	38.0	58.9	57.8	lbs.	0.0	lbs.	Miles.							
MON. . 20			67.7	51.1	16.6	56.6	3.1	12.4	0.0	89	127.5	43.3	58.8	58.0	0.4	0.0	123	-125							
TUES. . 21	Last Qr.		71.2	51.3	19.9	60.2	7.5	15.8	0.0	76	140.1	43.5	58.9	57.9	0.2	0.0	148	-100							
WED. . 22			80.5	48.3	32.2	64.7	11.1	22.1	0.0	67	135.9	42.0	60.0	59.6	0.2	0.0	137	-111							
THURS. . 23			82.2	52.5	32.7	67.1	9.0	22.2	0.0	73	138.6	45.6	61.0	60.1	0.5	0.0	88	-160							
FRI. . 24			82.5	53.1	29.4	68.1	12.4	25.0	0.0	63	145.2	45.6	62.1	60.3	0.7	0.0	87	-161							
SAT. . 25	In Equator.		76.7	54.0	22.7	63.5	7.6	16.1	0.5	79	129.0	50.6	63.0	62.9	1.4	0.0	170	- 77							
MEANS .			75.1	50.8	24.3	61.9	7.5	17.3	0.1	77	132.3	44.1	60.4	59.5	0.5	0.0	214	- 33							
No. of Col. .	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.		ELECTRICITY.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		GENERAL REMARKS.	
MAY.									
SUNDAY	19			0.7	15.7			Generally overcast; occasional rain. Foggy and gloomy in afternoon.	
MONDAY	20			2.7	15.8			Cloudy and showery in morning; partially cloudy and fine afterwards.	
TUESDAY	21			8.7	15.8			Fine and partially cloudy till evening; cloudless and very fine afterwards.	
WEDNESDAY	22	The electrometer was not in action throughout the week.		10.3	15.9			Cloudy with slight fog in morning; very fine afterwards with little light cloud till evening; then cloudless. A very hot day.	
THURSDAY	23			8.8	15.9			Cloudless and very fine in morning; a severe cold storm with heavy rain in afternoon; cloudless at night. Very hot.	
FRIDAY	24			13.2	16.0			Very fine throughout, with small amounts of cloud. Lightning and thunder at night. A very hot day.	
SATURDAY	25			4.7	16.0			Overcast and showery in morning; partially cloudy and fine till evening; overcast afterwards, with occasional rain. Lightning at night.	
Sum				49.1	131.1				

The height of the cistern of the barometer is 169 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. very.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.77 in. at the beginning of the week to 29.75 in. by noon on the 19th; increased to 29.83 by 9h. P.M. on the 20th; decreased to 29.77 in. by 9h. A.M. on the 21st; and increased to 29.85 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 22. 1889. VOL. L.] WEEK ENDING SATURDAY, JUNE 1. [Price 1½d.

*General Register Office, Somerset House,
3rd June, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 11.	May 18.	May 25.	June 1.		May 11.	May 18.	May 25.	June 1.
Birkenhead	20·4	14·8	14·8	15·3	Liverpool -	19·1	16·0	17·5	18·3
Birmingham	18·6	18·6	16·3	16·9	London -	15·5	14·8	15·2	13·8
Blackburn -	25·0	22·4	19·8	17·6	Manchester -	31·5	28·2	28·8	25·1
Bolton -	28·7	22·7	28·2	21·4	Newcastle-on-Tyne*	24·0	23·7	24·6	25·9
Bradford* -	23·1	20·0	17·8	12·7	Norwich -	22·1	11·0	15·5	17·1
Brighton -	15·9	15·9	12·9	13·7	Nottingham -	17·1	14·5	19·1	16·0
Bristol -	17·1	15·2	16·6	13·6	Oldham -	25·3	25·7	20·2	18·7
Cardiff*	14·8	23·6	14·8	17·6	Plymouth -	22·0	20·7	28·7	29·4
Derby -	16·4	15·9	12·2	14·8	Portsmouth -	17·4	14·8	13·3	18·1
Halifax -	32·2	25·7	22·5	25·7	Preston -	31·5	38·1	30·5	38·6
Huddersfield	19·7	16·9	15·2	18·0	Salford* -	21·2	18·7	21·8	17·4
Hull -	23·6	18·6	17·1	20·6	Sheffield -	19·5	16·7	17·1	18·2
Leeds -	23·6	19·3	23·5	18·5	Sunderland	17·5	19·8	21·0	18·7
Leicester*	16·6	11·1	12·1	14·9	Wolverhampton -	22·1	19·0	14·5	15·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Leeds and in Salford, 1·7 in Blackburn, 1·9 in Halifax, 2·3 in Manchester, 4·5 in Bolton and in Hull, and 10·5 in Preston; from *scarlet fever*, 1·1 in Huddersfield, 1·3 in Blackburn and in Sheffield, and 6·7 in Plymouth; and from *whooping-cough*, 1·1 in Bradford, 1·3 in Plymouth, 1·5 in Birkenhead, 2·3 in Bolton, and 2·5 in Preston. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 29 deaths from *diphtheria* in these towns included 16 in London, 4 in Portsmouth, and 3 in Newcastle-upon-Tyne. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2405 BIRTHS and 1151 DEATHS were registered. Allowing for increase of population, the births were 253, and the deaths 370, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·8 and 15·2 in the two preceding weeks, declined last week to 13·8. This is the lowest death-rate as yet recorded in London in any week; the rate was, however, equally low in the fourth week of September 1885. During the first nine weeks of the current quarter the death-

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

rate averaged 16·4 per 1000, and was 3·7 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1151 deaths included 31 from measles, 4 from scarlet fever, 16 from diphtheria, 49 from whooping-cough, 9 from enteric fever, 14 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 123 deaths were referred to these diseases, being 105 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 19; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The death of a child, aged 7 years, in Pancras, was attributed to chicken-pox. The deaths from *measles*, which had declined in the four preceding weeks from 68 to 47, further fell last week to 31, and were 43 below the corrected average; 4 belonged to Islington, 2 to Newington, 2 to Rotherhithe, and 4 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 7 and 16 in the two preceding weeks, declined last week to 4, and were 26 below the corrected average. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 587 scarlet fever patients, against 610 and 603 on the two preceding Saturdays; 49 cases were admitted to these hospitals during the week, against 65 and 57 in the two previous weeks. The deaths from *diphtheria*, which had been 24 and 21 in the two preceding weeks, further declined last week to 16, and corresponded with the corrected average; 2 belonged to Kensington, 2 to Newington, and 2 to Lambeth sanitary areas. The 49 fatal cases of *whooping-cough* showed a further slight increase upon the numbers in the two previous weeks, but were 10 below the corrected average; 3 belonged to Pancras, 7 to Islington, 4 to Hackney, 4 to Poplar, 5 to Newington, 3 to Bermondsey, 3 to Lambeth, 3 to Battersea, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 14 and 13 in the two preceding weeks, rose again last week to 14, but were 2 below the corrected average; 9 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 7 and 5 in the two preceding weeks, rose last week to 9, but were 2 below the corrected average. The Metropolitan Asylum Hospitals contained 13 cases of enteric fever, and not one of typhus on Saturday last; 3 cases of enteric fever were admitted during the week, against 2 and 1 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 217 and 177 in the two preceding weeks, further declined last week to 162, and were 104 below the corrected average.

Different forms of violence caused 55 deaths; 43 were the result of negligence or accident, among which were 22 from fractures and contusions, 2 from burns and scalds, 8 from drowning, 3 from poison, 1 from the accidental inhalation of chloroform, and 6 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus caused:—9 by accidents from vehicles or horses in the streets; 1 by accident on railway; 1 by injuries from fall of barrel of vinegar; 1 by fall from plank; 1 by fall from loft; 1 by fall down stairs in a ship; 2 by fall in room; 3 by fall (2 during intoxication), the nature of which was not stated; 1 from injury by machinery; and 2 by blow from swing. An inquest was held in each of these cases. Eleven cases of suicide were registered, corresponding with the corrected average.

GREATER LONDON.

In Greater London 3230 births and 1443 deaths were registered, corresponding to annual rates of 29·9 and 13·3 per 1000 of the estimated population. In the Outer Ring 10 fatal cases of whooping-cough and 8 of measles were registered. Two deaths from scarlet fever occurred in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·61 ins.; the lowest reading was 29·45 ins. at the beginning of the week, and the highest 29·80 ins. on Saturday morning. The mean temperature of the *air* was 55·7, and 1·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first six days of the week, whereas it showed an excess on Saturday. The general direction of the *wind* was S.S.W., and the horizontal movement of the air averaged 11·1 miles per hour, which was 0·8 mile above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 1·33 inch. The duration of registered bright sunshine in the week was 47·2 hours, against 38·2 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1889.	Registered during the Week ending 1st June, 1889.		The DEATHS registered in the Week include												TEMPERATURE OF THE AIR.										RAINFALL.		CITIES AND BOROUGH.
		BIRTHS.	DEATHS.	Deaths of		Deaths from					Inquest Cases.	Deaths in Public Institutions.	Unofficial Causes of Death.	From All Causes.		From Diseases in Cols. 6-12.		Mean.		In Inches.	In Cent.							
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.				Fever.	Diarrhoea.	Violence.	Highest. Fahrenheit.	Lowest. Fahrenheit.	Centigrade.		Fahrenheit.							
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.			
28 TOWNS*.	9,555,406	5495	3019	661	644	-	138	39	29	114	23	48	116	205	559	69	16.5	2.1	75.0	41.9	53.1	11.72	1.14	2.90	- 28 TOWNS.			
LONDON.	4,351,738	2405	1151	242	288	-	31	4	16	49	9	14	55	104	290	8	13.8	1.5	73.8	45.2	55.7	13.17	1.33	3.38	LONDON.			
BRIGHTON.	121,807	51	32	6	9	-	-	1	-	1	-	-	-	1	8	2	13.7	0.9	75.0	48.5	56.6	13.67	1.13	2.87	BRIGHTON.			
PORTSMOUTH.	141,253	91	49	8	15	-	-	-	-	2	-	-	-	3	6	1	18.1	0.6	-	-	-	-	-	-	PORTSMOUTH.			
NORWICH.	94,510	58	31	6	8	-	-	-	1	-	-	-	-	1	2	-	17.1	0.6	-	-	-	-	-	-	NORWICH.			
PLYMOUTH.	78,225	39	44	5	8	-	-	10	1	2	-	-	-	1	2	1	29.4	8.7	70.0	50.0	55.5	13.06	0.48	1.22	PLYMOUTH.			
BRISTOL.	229,351	117	60	16	14	-	3	-	-	-	-	-	4	6	11	1	13.6	1.1	67.0	45.0	52.1	11.17	1.20	3.05	BRISTOL.			
WOLVERHAMPTON.	82,544	53	24	14	3	-	-	-	-	-	-	-	-	-	3	1	15.2	0.0	61.6	41.9	50.2	10.11	1.89	4.80	WOLVERHAMPTON.			
BIRMINGHAM.	454,835	250	147	32	38	-	2	1	1	4	-	2	5	8	37	5	16.9	1.1	-	-	-	-	-	-	BIRMINGHAM.			
LEICESTER.	150,520	94	48	15	7	-	2	-	-	1	1	1	-	1	3	2	14.9	1.7	-	-	-	-	-	-	LEICESTER.			
NOTTINGHAM.	237,812	157	72	21	18	-	3	-	-	2	-	3	-	3	10	2	16.0	1.8	62.8	45.5	51.8	11.00	1.72	4.37	NOTTINGHAM.			
DERBY.	98,529	54	28	1	7	-	-	-	-	-	-	1	-	1	6	-	14.8	0.5	-	-	-	-	-	-	DERBY.			
BIRKENHEAD.	102,511	72	30	8	6	-	1	-	-	3	-	-	1	1	6	-	15.3	2.0	-	-	-	-	-	-	BIRKENHEAD.			
LIVERPOOL.	606,562	368	213	43	36	-	-	4	-	10	3	2	4	5	58	14	18.3	1.6	66.7	46.3	53.8	11.88	0.88	2.11	LIVERPOOL.			
LONDON.	114,670	62	47	13	9	-	10	-	-	5	1	1	3	6	1	-	21.4	7.7	-	-	-	-	-	-	LONDON.			
MANCHESTER.	378,800	241	182	37	25	-	17	1	-	5	-	2	8	17	35	2	25.1	3.4	-	-	-	-	-	-	MANCHESTER.			
SALFORD.	234,283	163	78	18	12	-	6	3	1	-	1	3	3	3	15	2	17.4	3.1	-	-	-	-	-	-	SALFORD.			
OLDHAM.	142,405	64	51	6	9	-	1	1	-	1	-	2	1	1	1	1	18.7	1.8	-	-	-	-	-	-	OLDHAM.			
BLACKBURN.	121,275	79	41	11	7	-	4	3	-	2	1	1	1	1	1	1	17.6	4.7	-	-	-	-	-	-	BLACKBURN.			
PRESTON.	104,194	80	77	22	7	-	21	1	-	5	1	1	2	2	4	2	38.6	14.5	-	-	-	-	-	-	PRESTON.			
HUDDESFIELD.	92,825	58	32	4	8	-	-	2	-	-	-	-	1	1	1	1	18.0	1.1	-	-	-	-	-	-	HUDDESFIELD.			
HALIFAX.	81,080	35	40	7	7	-	3	-	-	-	-	1	1	1	1	1	25.7	2.6	-	-	-	-	-	-	HALIFAX.			
BRADFORD.	255,056	115	57	12	13	-	-	-	-	5	-	2	4	5	4	1	12.7	1.6	60.6	43.4	51.3	10.72	0.65	1.65	BRADFORD.			
LEEDS.	357,449	208	127	26	26	-	9	-	-	3	-	5	3	7	12	4	18.5	2.5	-	-	-	-	-	-	LEEDS.			
SHEFFIELD.	327,227	190	114	24	16	-	3	8	1	6	1	1	4	5	13	11	18.2	3.2	-	-	-	-	-	-	SHEFFIELD.			
HULL.	208,017	141	82	16	11	-	18	-	-	3	1	2	3	5	3	2	20.6	6.0	67.0	45.0	51.8	11.00	1.06	2.69	HULL.			
SUNDERLAND.	184,103	86	48	16	10	-	-	-	-	-	1	1	1	3	4	1	18.7	0.8	-	-	-	-	-	-	SUNDERLAND.			
NEWCASTLE*.	160,983	107	80	21	20	-	2	-	-	3	-	1	1	4	6	2	25.9	2.9	-	-	-	-	-	-	NEWCASTLE.			
CARDIFF.	112,712	87	38	11	7	-	1	-	1	2	-	-	5	5	6	-	17.6	1.9	-	-	-	-	-	-	CARDIFF.			
EDINBURGH.	266,900	177	76	16	18	-	1	1	-	4	2	2	2	?	17	18	14.9	2.0	62.8	40.8	53.3	11.83	0.85	2.16	EDINBURGH.			
GLASGOW.	528,144	394	258	48	35	-	12	2	5	22	5	6	6	4	38	18	25.5	4.7	68.8	40.5	54.2	12.33	0.91	2.31	GLASGOW.			
DUBLIN.	353,082	249	133	32	28	-	3	-	-	-	5	-	3	-	41	15	19.7	1.2	61.3	38.2	51.6	10.89	0.44	1.12	DUBLIN.			

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the **TWENTY-SECOND** Week of each of the **Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2372	2489	2578	2176	2622	2549	2409	2537	2148	2491	2657.5	2405
Males . .	1176	1270	1316	1109	1322	1270	1228	1311	1079	1275	1349.6	1214
Females .	1196	1219	1262	1067	1300	1258	1181	1226	1069	1216	1307.9	1191
TOTAL Deaths	1427	1306	1507	1304	1405	1476	1521	1235	1447	1323	1521.3	1151
Males . .	758	685	782	704	754	795	765	634	798	697	803.9	607
Females .	669	621	725	600	651	681	756	601	649	626	717.4	544

The numbers in this column are the average weekly numbers in the twenty-second weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.
TOTAL Births	2698	2699	2670	2803	2676	2509	2488	2522	2712	2565	2648	2402	2405
TOTAL Deaths	1637	1638	1554	1476	1572	1493	1426	1462	1886	1295	1231	1267	1151
Ages at Death													
{ 0–20 years	695	719	666	642	729	671	670	708	626	577	571	608	506
{ 20–40 "	175	188	165	200	175	183	174	171	184	175	169	152	143
{ 40–60 "	309	298	274	274	277	266	214	256	265	251	205	221	209
{ 60–80 "	391	357	366	287	305	310	299	264	258	245	232	224	237
{ at 80 years & upwards.	67	76	83	73	76	63	69	63	52	47	54	62	51
Under 1 year	322	362	317	316	368	322	299	361	309	287	267	301	242
{ 1–5	277	249	276	242	261	251	279	273	246	218	225	222	181
{ 5–20	96	108	73	84	100	98	92	74	71	72	79	85	83
Deaths from Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
" " Measles	76	60	84	56	74	72	70	65	68	60	53	47	31
" " Scarlet fever	16	16	6	11	15	13	10	9	15	10	7	16	4
" " Diphtheria	20	31	23	18	26	36	22	29	21	23	24	21	16
" " Whooping-cough	29	37	42	51	49	43	51	56	53	37	36	48	49
" " Typhus	—	—	—	—	—	1	—	—	—	—	—	—	—
" " Enteric fever	4	6	4	8	9	10	6	3	5	5	7	5	9
" " Simple Contag. fever	3	—	—	—	—	1	—	1	2	4	1	1	—
" " Diarrhoea and Dysentery	15	14	18	9	17	11	10	18	12	10	14	13	14
" " Cholera	—	2	—	—	—	—	—	—	—	—	—	1	—
" " all the above-mentioned Diseases	163	166	177	153	190	187	169	181	178	149	142	152	123
Dis. of Respiratory System	402	396	378	332	364	294	300	305	242	213	217	177	162
" " Phthisis	161	162	139	153	170	152	128	164	143	125	137	148	144
" " Dis. of Circulatory System	150	157	127	153	146	135	98	119	154	134	97	98	101
Violent Deaths	52	63	53	52	69	68	57	69	55	66	51	48	55
Inquest Cases	114	127	111	125	130	130	111	116	107	125	85	89	104
Deaths in Public Institutions	395	378	366	354	340	325	315	331	315	310	311	342	290
TEMPERATURE OF THE AIR													
Mean	37.4	38.8	42.5	45.6	43.5	43.5	46.5	47.5	50.8	57.7	54.0	61.9	55.7
Mean of Highest readings	46.3	46.8	50.3	54.6	51.8	50.4	55.3	57.8	61.9	67.9	64.5	75.1	64.9
Mean of Lowest readings	28.9	31.2	35.7	38.6	37.4	38.6	39.8	39.1	41.5	49.1	46.7	50.8	48.0
Humidity of the Air	75	80	80	81	78	90	84	80	79	77	85	77	82
Rain-fall in inches	0.54	0.04	0.53	0.11	0.27	0.56	0.16	0.75	0.79	0.31	0.19	0.51	1.33
Registered Sunshine (in hours)	26.0	14.8	18.4	14.3	21.3	8.6	12.5	31.3	39.8	37.5	27.7	49.1	47.2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 22nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 1st June 1889.								CAUSES OF DEATH.	Corrected Averages for the 22nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 1st June 1889.									
		Deaths of Persons of the Ages										Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.				80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.		80 Years and upwards.
			0-1.	1-5.	5-20.			0-1.	1-5.					5-20.	0-1.	1-5.			5-20.		
ALL CAUSES - -	1521.3	1151	242	181	83	148	209	237	51	Diseases of Organs of Special Sense† - -	1.3	1	-	-	-	-	-	1	-		
Small-pox { Vaccinated† - - - - - Unvaccinated - - - - - No Statement - - - - -	19.2 {	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - - - -	102.9	101	1	1	3	15	39	26	6		
Measles - - - - -	73.9	31	0	25	-	-	-	-	-	Croup - - - - -	9.6	7	1	4	2	-	-	-	-		
Scarlet Fever - - - - -	29.8	4	-	8	1	-	-	-	-	Bronchitis - - - - -	135.4	87	23	13	1	2	9	29	5		
Typhus - - - - -	0.9	-	-	-	-	-	-	-	-	Pneumonia - - - - -	86.3	49	12	22	-	-	1	5	9		
Relapsing Fever† - - - - -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - - - -	8.7	4	1	-	-	1	1	1	-		
Influenza - - - - -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - - - -	23.6	15	3	5	-	3	3	1	-		
Whooping-cough - - - - -	59.1	49	21	27	1	-	-	-	-	Dentition† - - - - -	11.3	8	4	4	-	-	-	-	-		
Diphtheria - - - - -	15.6	16	-	9	7	-	-	-	-	Quincy, Sore Throat† - - - - -	2.0	3	-	2	-	-	-	1	-		
Simple Continued and Ill-defined Fever - - - - -	1.9	-	-	-	-	-	-	-	-	Enteritis - - - - -	7.3	3	2	-	-	-	-	-	-		
Enteric Fever - - - - -	11.4	9	-	1	2	5	1	-	-	Peritonitis - - - - -	6.3	3	-	1	-	-	-	-	1		
Cholera - - - - -	0.5	-	-	-	-	-	-	-	-	Diseases of Liver - - - - -	32.9	20	3	-	-	2	3	11	1		
Diarrhœa, Dysentery - - - - -	16.1	11	0	2	1	-	-	1	1	Other Diseases of Digestive System - - - - -	39.4	23	6	2	-	3	6	8	1		
Remittent Fever† - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands† - - - - -	2.4	2	-	1	-	1	-	-	-		
Hydrophobia - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - - -	33.1	53	2	-	4	5	17	23	2		
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System & of Childbirth - - - - -	6.9	6	-	-	1	2	3	-	-		
Cowpox and Effects of Vaccination† - - - - -	0.2	1	1	-	-	-	-	-	-	Accidents of Childbirth - - - - -	4.3	3	-	-	-	3	-	-	-		
Veneral Affections - - - - -	10.5	7	4	-	-	1	1	1	-	Diseases of Locomotive System† - - - - -	7.0	8	1	-	3	1	1	2	-		
Erysipelas - - - - -	5.2	5	1	-	1	-	-	2	1	Diseases of Integumentary System - - - - -	4.8	2	-	-	-	-	1	-	1		
Pyæmia and Septicæmia† - - - - -	2.4	3	1	1	-	-	1	-	-	VIOLENT DEATHS.†											
Puerperal Fever - - - - -	3.8	6	-	-	2	4	-	-	-	ACCIDENT.)											
Other Zymotic Diseases† - - - - -	1.8	1	-	-	1	-	-	-	-	Fracture and Contusion - - - - -	22.2	22	-	1	8	7	5	-	-		
Thrush - - - - -	2.4	-	-	-	-	-	-	-	-	Gunshot Wound - - - - -	0.1	1	-	-	-	-	-	-	-		
Worms and other Parasitical Diseases - - - - -	0.1	-	-	-	-	-	-	-	-	Cut, Stab - - - - -	0.4	-	-	-	-	-	-	-	-		
Starvation, Want of Breast-milk† - - - - -	0.9	2	2	-	-	-	-	-	-	Burn and Scald - - - - -	3.9	2	-	1	-	-	-	-	1		
Alcoholism - - - - -	6.0	7	-	-	-	4	3	-	-	Poison - - - - -	1.7	3	-	-	-	1	2	-	-		
Rheumatic Fever, Rheumatism of Heart† - - - - -	7.0	5	-	-	2	2	-	1	-	Drowning - - - - -	11.1	8	-	1	4	1	2	-	-		
Rheumatism† - - - - -	2.0	1	-	-	-	-	-	1	-	Suffocation - - - - -	11.7	7	6	-	-	-	1	-	-		
Gout - - - - -	3.9	3	-	-	-	-	2	1	-	Otherwise - - - - -	2.9	1	-	-	-	-	1	-	-		
Rickets† - - - - -	4.1	5	2	3	-	-	-	-	-	(HOMICIDE.)											
Cancer - - - - -	52.9	59	1	-	-	5	23	29	1	Murder & Manslaughter - - - - -	3.2	1	1	-	-	-	-	-	-		
Tubercular Meningitis - - - - -	21.8	16	9	5	2	-	-	-	-	(SUICIDE.)											
Phthisis - - - - -	168.1	144	3	-	21	59	48	13	-	Gunshot Wound - - - - -	0.3	1	-	-	1	-	-	-	-		
Scrophula, Tuberculosis - - - - -	18.4	14	4	5	1	3	1	-	-	Cut, Stab - - - - -	2.3	3	-	-	-	1	2	-	-		
Other Constitutional Diseases† - - - - -	11.1	13	-	-	1	2	6	4	-	Poison - - - - -	2.4	-	-	-	-	-	-	-	-		
Premature Birth - - - - -	34.7	34	34	-	-	-	-	-	-	Drowning - - - - -	1.7	3	-	-	1	-	-	-	-		
Atelectasis† - - - - -	3.0	1	1	-	-	-	-	-	-	Hanging - - - - -	2.3	3	-	-	-	1	2	-	-		
Congenital Malformations - - - - -	7.4	2	2	-	-	-	-	-	-	Otherwise - - - - -	1.1	1	-	-	-	-	1	-	-		
Old Age - - - - -	41.8	39	-	-	-	-	-	19	20	(EXECUTION.)											
Apoplexy - - - - -	42.5	34	-	1	-	4	6	20	3	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-		
Epilepsy - - - - -	9.4	8	-	-	1	3	2	1	1	OTHER CAUSES† - - - - -	54.9	29	22	3	-	1	2	1	-		
Convulsions - - - - -	45.8	39	35	4	-	-	-	-	-												
Other Diseases of Brain and Nervous System† - - - - -	96.0	70	14	16	4	4	10	17	5												

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 9.041 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.	Un- classified Causes.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	w hooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON	3,815,704	2405	1151	242	288	-	31	4	16	40	-	9	-	14	55	104	290		
WEST DISTRICTS	689,683	330	211	36	66	-	6	-	4	7	-	2	-	3	8	20	60		
NORTH DISTRICTS	905,947	571	248	47	64	-	7	2	2	15	-	1	-	1	5	15	74		
CENTRAL DISTRICTS	382,338	131	81	14	20	-	-	1	2	-	-	1	-	2	5	11	25		
EAST DISTRICTS	692,738	490	210	40	55	-	4	-	2	5	-	2	-	2	16	25	62		
SOUTH DISTRICTS	1,365,148	883	401	105	83	-	14	1	6	22	-	3	-	6	21	33	69		
METROPOLITAN ASYLUM POS- PITALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.	69888	36	17	2	6	-	1	-	-	-	-	-	-	-	1	4	7		
St. John Paddington H - - G.J.	37380	4	16	2	5	-	-	-	-	-	-	-	-	-	3	4	10		
Kensington Town W - - W.M.	120141	53	37	6	16	-	-	-	-	-	-	1	-	-	2	3	6		
Brompton H - - W.M. & C.	48010	15	19	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith - - W.M.	7309	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.	64340	38	19	2	9	-	1	-	2	1	2	-	-	-	1	2	3		
Fulham W - - W.M. & C.	42900	53	20	5	4	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea South HHH - - C.	6396	10	13	2	2	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-west WHHHH C.	24925	18	15	2	5	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-east W - - C.	32807	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - G.J.	30353	10	10	-	6	-	1	-	-	-	-	-	-	-	-	-	-		
Belgrave WHHH - - C.	59220	25	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Westminster HHH - C.	35496	18	7	2	1	-	1	-	1	-	-	-	-	-	-	-	-		
St. Margaret Westminster H - C.	24679	6	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Westminster WHH N.R. & G.J.	29941	3	12	2	4	-	1	-	-	1	-	-	-	-	-	-	-		
St. Anne Soho HHHHHH - N.R.	18608	7	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.	26769	15	6	-	1	-	-	-	-	-	-	-	-	-	-	1	2		
Canvish Square HHHH - W.M.	14891	7	8	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH G.J. & W.M.	24809	6	10	2	-	-	-	-	1	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH G.J. & W.M.	21118	31	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HHH - W.M.	33700	26	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - W.M.	33638	15	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead WWHHHH N.R. & W.M.	45452	30	12	5	-	-	-	-	-	-	-	-	-	-	-	1	-		
Regent's Park Pancras H - - W.M.	89115	19	6	1	3	-	-	-	-	1	-	-	-	-	-	-	-		
Tottenham-court WHHHH N.R. & W.M.	27729	10	13	4	4	-	1	-	-	-	-	-	-	-	2	6	-		
Gray's Inn Lane HHH - - N.R.	30247	14	5	-	1	-	-	-	-	-	-	-	-	-	-	1	3		
Romers Town H - - N.R.	84369	33	6	3	2	-	-	-	-	-	1	-	-	-	-	-	-		
Camden Town WH - - N.R.	17311	19	15	2	6	-	-	-	-	-	-	-	-	-	3	5	12		
Kentish Town W - - N.R.	87487	56	25	6	8	-	-	-	-	2	-	-	-	-	-	-	-		
Upper Holloway WWHH - - N.R.	67946	44	50	7	12	-	2	-	-	5	-	-	-	-	-	30	-		
Islington South-west HH - - N.R.	100976	60	17	4	2	-	2	-	-	2	-	-	-	-	1	3	-		
Islington South-east W - - N.R.	61835	84	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Highbury H - - N.R.	52048	19	9	2	1	-	-	-	-	-	-	-	-	-	-	1	2		
Stoke Newington H - - N.R.	22781	12	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - E.L.	9277	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - N.R.	37610	19	8	-	6	-	-	-	-	-	-	-	-	-	-	-	-		
Hackney WWHH - - E.L. & N.R.	76911	55	31	4	3	-	2	2	1	3	-	-	-	-	1	2	8		
South Hackney - - E.L.	39883	37	4	-	1	-	-	-	1	1	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.	16681	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - N.R.	14864	12	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North W - - N.R.	13837	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.	17508	5	7	-	1	-	-	-	1	-	-	-	-	-	1	2	5		
St. Mary-le-Strand H - - N.R.	7515	2	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Danes H - - N.R.	8559	-	7	1	-	-	-	-	-	-	-	1	-	-	-	1	6		
Strand Union Workhouse, Edmonton w.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1		
St. Geo. the Martyr HHHHHH N.R.	18571	8	7	2	3	-	-	-	-	-	-	-	-	-	-	1	1		
St. Andrew Eastern W - - N.R.	10706	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - N.R.	6588	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - N.R.	17516	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - N.R.	19281	17	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - N.R.	14773	9	4	2	1	-	-	-	1	-	-	-	-	-	-	1	-		
Goswell-street - - N.R.	17606	16	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - N.R.	11841	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
City-road HHL - - N.R.	18623	19	9	1	2	-	-	-	-	-	-	-	-	-	1	1	2		
Whitecross-street - - N.R.	9217	5	4	1	1	-	-	-	-	-	-	-	-	-	1	2	1		
Finchbury - - N.R.	7463	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Holborn Union Workhouse, Mitchen w.	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - N.R. & E.L.	11174	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - N.R.	7193	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.	5353	-	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Bride W - - N.R.	8396	4	5	1	1	-	-	-	-	-	-	-	-	-	2	2	6		
Allhallows Barking - - N.R.	18666	1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - N.R.	5662	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Work-house; *H*—Hospital; *L*—Lunatic Asylum; *W*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London; and K., the Kent Company.

of DIPHtheria, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
lay, the 1st June, 1889.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Deaths.	The DEATHS registered in the Week include													Deaths in Public Institutions.	Uncertified Causes of Death.
				Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from												
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
EAST DISTRICTS.																		
all Shoreditch	N.R. & E.L.	7376	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
ard Shoreditch	HL*	14967	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n New Town	w	29937	18	8	32	6	-	-	-	-	-	-	-	-	2	3	1	-
n Old Town	-	28036	19	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
ration WH	-	46275	40	19	3	9	-	-	-	1	-	-	-	-	-	-	9	-
ey-road H	-	29738	20	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Bethnal Green	WHL*	47932	26	13	6	-	-	-	-	-	-	1	-	-	-	-	8	-
Bethnal Green	-	29881	25	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bethnal Green	-	19810	12	4	2	-	-	-	-	-	-	-	-	-	1	1	-	-
ields	-	22585	16	5	1	2	-	-	-	-	-	-	-	-	-	1	2	-
nd New Town	W	15473	19	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-
h, Chapel Church	H	17490	12	16	-	-	-	1	-	-	-	-	-	-	4	5	10	-
an's Fields	-	9713	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-	1
se	-	6102	1	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-
orge's, North	-	38747	35	5	1	1	-	-	-	1	-	-	-	-	-	-	1	-
in, St. George East	W	8410	7	4	1	-	-	-	-	-	-	-	-	-	-	-	2	-
ell HH	-	16995	13	6	1	1	-	-	-	-	-	-	-	-	-	1	1	3
ouse	-	16107	1	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ouse	-	32041	16	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
nd Old Town West	-	37960	42	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-
nd Old Town East	WHH	67553	29	18	4	6	-	1	-	-	-	-	-	-	2	3	3	-
L	-	37074	16	10	2	1	-	-	-	2	-	-	-	-	-	1	1	-
ey WHH	-	64359	60	32	3	9	-	1	-	-	1	-	1	-	-	3	4	19
r WHH	-	56077	43	22	4	4	-	-	-	1	1	-	-	-	2	3	4	1
SOUTH DISTRICTS.																		
church Southwark	WH	13663	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
rious Southwark	-	14999	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
road	-	21881	12	3	-	-	-	1	-	-	-	-	-	-	-	1	1	-
gh-road WH	-	13958	13	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-
n-road HL	-	21318	15	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
y Newington	-	25872	21	6	1	2	-	1	-	-	1	-	-	-	-	-	-	-
ter Walworth	W	59555	26	20	9	2	-	1	-	-	2	-	-	-	1	-	4	-
ry Newington	-	21623	12	12	4	-	-	-	-	1	2	-	-	-	-	1	-	-
ive WH	-	11956	7	19	1	1	-	-	-	-	-	-	-	-	1	4	4	8
er Market	-	16800	12	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-
ry Magdalen	W	15669	20	8	1	2	-	-	-	-	-	-	-	-	-	1	3	-
me Bernondsey	-	14682	47	15	4	1	-	-	-	3	-	-	-	-	-	-	-	-
hithe WH	-	36024	17	16	-	4	-	2	-	1	-	1	-	-	-	1	5	-
loo-road 1st H	-	15195	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
loo-road 2nd H	-	16351	18	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
th Church 1st H	-	19576	32	14	1	3	-	-	-	-	-	-	-	-	-	2	9	-
th Church 2nd WH	-	39559	10	10	4	1	-	2	-	1	1	-	-	-	-	-	1	8
ngton 1st	-	45322	30	10	2	5	-	-	-	-	-	-	-	-	-	-	-	-
ngton 2nd	-	35332	17	13	2	5	-	1	-	1	-	-	-	-	-	-	-	-
o 2nd	-	62887	44	15	5	5	-	-	-	-	2	-	-	-	-	-	-	-
od W	-	19017	6	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
attersea	-	54675	44	7	4	1	-	-	-	-	-	-	-	-	-	1	1	-
Battersea WH	-	82587	61	26	7	7	-	1	1	-	4	-	-	-	-	-	7	-
un H	-	36380	24	8	1	1	-	-	-	1	-	-	-	-	-	-	-	-
sworth WHL	-	28004	22	10	5	2	-	-	-	-	-	-	-	-	-	1	-	-
y	-	18235	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ham	-	25553	26	7	2	3	-	1	-	-	-	-	-	-	-	-	-	-
h	-	5590	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
urwell W L* L*	-	29104	44	34	6	10	-	1	-	-	1	-	1	-	-	1	1	14
am W	-	71089	43	12	2	6	-	-	-	-	-	-	-	-	-	-	-	2
orge Camberwell	-	50810	38	21	6	2	-	-	-	-	-	-	-	-	1	1	2	-
ul Deptford WH	-	76752	49	23	13	3	-	1	-	-	2	-	-	-	-	2	5	1
hols Deptford	-	7501	7	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
wich West H	-	21972	10	4	-	1	-	1	-	-	-	-	-	-	-	-	-	-
wich East WHH	-	24608	16	13	2	4	-	2	-	-	1	-	-	-	-	2	2	6
n H	-	5048	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
U	-	21559	10	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ham WH	-	19865	18	7	2	-	-	-	-	-	-	-	-	-	-	1	1	-
ham H	-	26076	16	7	1	1	-	-	-	-	1	-	1	-	-	-	-	1
on H	-	10930	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
rich Dockyard	-	17517	14	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
rich Arsenal HH	-	19048	11	11	4	2	-	-	-	-	-	-	-	-	-	2	2	1
ead, West H	-	14069	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ead, East W	-	19241	28	13	3	2	-	-	-	-	-	-	-	-	-	-	5	-
Soliman Asylum Hospitals:																		
xford w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
achmore Hill w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ristow w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by W.O.:-

ryebone Infirmary in Kensington Town sub-district.
London Sick Asylum in Tottenham Court-road sub-district.
Barn Infirmary in Upper Holloway sub-district.
Don City Workhouse - Hackney sub-district.
Barn - Hoxton New Town sub-district.
Ritchapel - Mile End Old Town Eastern sub-district.
Don City - Mile End Old Town Eastern sub-district.
and Bromley sub-district.
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Foster & Stepney Sick Asylum.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st June, 1899.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons Aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		370,924	950,957	825	202	74	75	-	8	2	1	10	2	3	15	26	31	3		
80: 1	Carshalton wL -	12228	21118	15	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
2	Epsom (part of)* WwH	9971	10710	12	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Godstone (part of)* -	2754	1235	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
38: 1	Croydon WwHHL -	20851	101241	83	24	7	10	-	-	-	-	1	-	-	-	1	2	7		
2	Mitcham w† -	11697	17932	12	5	3	1	-	-	-	-	1	-	-	-	1	1	-		
39: 1	Wimbledon HHH -	3220	15950	11	7	1	2	-	-	-	-	-	-	-	-	1	1	-		
2	Kingston WHH -	8549	36354	23	16	2	3	-	-	-	-	1	-	-	-	-	-	3		
3	Esher (part of)* -	6601	9221	5	5	3	2	-	-	-	-	-	-	-	-	1	-	-		
4	Hampton H -	4573	13539	4	7	3	1	-	2	-	-	1	-	-	-	-	-	-		
40: 1	Richmond WH -	2272	21302	11	10	-	3	-	1	-	-	-	-	-	-	-	1	1		
2	Mortlake -	2041	12331	6	9	1	2	-	-	-	-	-	-	-	-	1	1	-		
41: 1	Bromley (pt. of)* HH	15699	31142	16	10	2	4	-	-	-	-	-	-	1	1	1	1	1		
2	Chislehurst (pt. of)* WHH	14307	15844	19	9	1	1	-	-	-	-	-	-	-	-	-	-	-		
42: 1	Bexley H -	13437	24134	19	8	3	2	-	-	-	-	-	-	1	-	-	-	-		
2	Dartford (Ww, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Sunbury w -	11055	11685	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines W- -	13277	12059	8	2	1	1	-	-	-	-	-	-	-	-	-	1	-		
125: 1	Hillingdon WHH -	6029	10802	7	4	1	2	-	-	-	-	-	-	-	-	-	-	1		
2	Uxbridge -	6175	3225	4	2	-	1	-	1	-	-	-	-	-	-	-	-	-		
3	Hayes wHL -	14887	11523	11	3	2	-	-	-	-	-	1	-	-	1	1	-	-		
126: 1	Isleworth WHH -	7008	22727	13	3	3	2	-	-	-	-	1	1	-	1	3	-	-		
2	Twickenham H- -	2477	12479	6	3	1	1	-	-	-	-	-	-	1	-	1	-	-		
3	Brentford HL -	4345	27649	19	7	1	2	-	-	-	-	-	-	-	-	-	-	-		
4	Chislewick -	1340	15975	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-		
5	Aston wH -	6083	22876	17	3	1	2	-	1	-	-	-	-	-	1	2	-	-		
127: 1	Harrow H- -	13809	12796	10	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Edgware H -	6994	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willersden -	4388	27453	41	13	4	1	-	1	-	-	1	-	-	-	-	-	-		
4	Hendon W -	8332	10494	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
137: 1	Bushy -	9331	6621	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
138: 1	South Mimms -	15599	6391	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet -	5433	10092	6	3	-	1	-	-	-	-	-	-	-	1	1	-	-		
3	Finchley HL -	4688	17615	17	5	-	2	-	-	-	-	-	-	-	-	-	4	-		
135: 1	Hatfield (part of)* -	3806	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
139: 1	Hornsey H- -	3039	37078	32	9	2	2	-	-	-	-	-	-	-	-	-	-	-		
2	Tottenham H -	4642	46456	58	11	3	1	-	-	-	-	1	-	-	1	2	2	-		
3	Edmonton Ww† -	7453	23453	14	7	1	3	-	-	-	-	-	-	-	-	-	3	-		
4	Enfield WH -	12653	19104	19	4	1	2	-	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey -	11017	5384	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt -	8480	7735	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
186: 1	Stratford -	892	38606	55	8	1	-	-	1	-	-	-	-	-	1	1	-	-		
2	West Ham wwwwH‡ -	7351	101033	127	33	15	2	-	1	2	-	1	1	-	-	2	-	-		
3	Leyton WwL -	4372	32430	40	13	3	5	-	-	-	-	-	-	-	1	1	3	-		
4	Walthamstow H -	6580	28869	30	18	2	2	-	-	-	-	-	-	-	1	1	-	-		
187: 1	Chigwell (part of)* H	11761	9639	3	2	-	-	-	-	-	-	-	-	-	1	1	-	-		
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
189: 1	Romford (part of)* W	6730	3411	-	5	-	4	-	-	-	-	-	-	-	1	1	4	-		
2	Ilford -	3493	7645	2	3	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 80: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 1st June, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upward.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	13·3	1·4	1443	316	363	-	39	6	17	59	11	17	70	321		
INNER LONDON -	77,410	4,351,738	13·8	1·5	1151	242	288	-	31	4	16	49	9	14	55	290		
OUTER RING -	370,924	1,290,277	11·8	1·1	292	74	75	-	8	2	1	10	2	3	15	31		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,606,200 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN.	Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOVIC DISEASES.							
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	483,219	March	30	-	173	20·8	4	1	-	-	-	-	44	37†
BOMBAY	773,196	April	7	-	201	24·2	4	2	-	-	-	-	43	51†
MADRAS	398,777	May	7	-	-	-	-	-	-	-	-	-	-	-
PARIS	2,260,945	March	29	320	355	46·2	3	65	?	?	?	89	42	
BRUSSELS (with 8 Faubourgs.)	471,606	May	25	1213	1015	23·4	3	23	6	43*	5	10	64	
AMSTERDAM	403,083	"	25	266	192	25·0	-	6	-	4	4	1	-	
ROTTERDAM	197,723	"	25	175	83	21·7	-	11	-	-	-	-	-	
THE HAGUE	153,440	"	25	77	53	17·9	-	-	-	1	2	-	-	
COPENHAGEN	307,000	"	18	173	119	20·2	-	-	-	8	7	1	6	
STOCKHOLM	221,549	"	18	133	86	19·6	-	-	1	1	-	-	7	
CHRISTIANIA	138,300	"	25	76	61	22·9	-	-	-	4	2	-	5	
S. PETERSBURG	842,883	"	18	-	529	32·7	-	4	9	5	6	16	76	
BERLIN	1,470,582	"	11	858	591	20·7	-	3	2	19	9	3	53	
HAMBURG (State)	675,276	"	18	352	258	23·4	-	-	2	11*	6	3	12	
DRESDEN	264,196	"	18	167	122	24·0	?	-	-	3*	?	-	12	
BRESLAU	315,000	"	25	217	196	32·7	-	3	1	6*	1	1	27	
MUNICH	281,000	"	18	247	169	30·8	-	5	2	5*	-	1	28	
VIENNA	811,434	"	18	615	445	28·5	1	12	6	10	-	2	42	
PRAGUE	304,356	"	18	-	200	34·3	6	2	4	9	3	1	8	
BUDA-PESTH	452,907	"	18	357	295	33·9	-	-	1	13	3	2	15	
TRIESTE	158,084	"	18	-	71	23·4	-	-	-	1	-	-	-	
ROME	461,044	April	13	252	188	24·4	4	7	-	11	2	6†	9	
TURIN (10 days)-	306,398	"	30	270	187	22·3	-	6	3	4	6	1	11	
VENICE	153,375	May	18	75	92	31·3	6	-	-	1	1	1	10	
CAIRO	374,338	"	9	331	389	54·1	10	5	-	3*	6	26	122	
ALEXANDRIA	231,396	"	9	145	183	41·3	3	7	-	1	-	13	45	
NEW YORK	1,549,500	"	11	-	782	26·3	-	8	48	43	24	4	16	
BROOKLYN	814,505	"	11	-	415	26·4	-	10	10	18	5	2	6	
PHILADELPHIA	1,040,245	"	11	-	397	19·9	-	2	5	3	3	9	9	
BALTIMORE	500,343	"	11	-	146	15·2	-	1	4	2	-	5	1	

* Including deaths from croup.

† Including 20 deaths from cholera in Calcutta in week ending March 30, and 30 in week ending April 7.

‡ Including 4 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st JUNE, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.	MORNING AND DAY.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge, the surface receiving 5 inches of water above the Ground.	Ozone.																		
				Of the Air.				Of the Air.				Of the Water of the Thames at Deptford.				Oiler's.						Robinson's.																	
				High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from the average value.	Of the Dew Point.	Mean daily value.	Great- est.	Least.	Degree of radiation (Satu- rity 100).	High- est.	Low- est.	Of the Sun's Rays.	Low- est.	High- est.	General Direction.			Pressure on the Square Foot.	Horizontal Movement of the Air on each Day.	Depar- ture from the Average of 10 Years.															
MAY.				SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.	MEANS.	JUNE.				JULY.				AUG.				SEPT.				OCT.				NOV.				DEC.			
26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27							
..							
29.500	29.542	29.514	29.551	29.698	29.711	29.765	29.711	29.665	29.612	29.568	29.524	29.480	29.436	29.392	29.348	29.304	29.260	29.216	29.172	29.128	29.084	29.040	28.996	28.952	28.908	28.864	28.820	28.776	28.732	28.688	28.644	28.600							
60.5	58.2	65.0	63.0	64.6	67.1	73.8	67.1	64.6	62.1	59.6	57.1	54.6	52.1	49.6	47.1	44.6	42.1	39.6	37.1	34.6	32.1	29.6	27.1	24.6	22.1	19.6	17.1	14.6	12.1	9.6	7.1								
53.0	51.2	48.8	45.5	45.2	46.1	46.4	46.1	45.2	44.3	43.4	42.5	41.6	40.7	39.8	38.9	38.0	37.1	36.2	35.3	34.4	33.5	32.6	31.7	30.8	29.9	29.0	28.1	27.2	26.3	25.4	24.5								
7.5	7.0	16.2	19.5	19.4	21.0	27.4	21.0	19.4	17.8	16.2	14.6	13.0	11.4	9.8	8.2	6.6	5.0	3.4	1.8	0.2	-1.4	-3.0	-4.6	-6.2	-7.8	-9.4	-11.0	-12.6	-14.2	-15.8	-17.4								
55.4	53.3	50.1	47.6	46.1	46.8	49.5	46.1	44.6	43.0	41.4	39.8	38.2	36.6	35.0	33.4	31.8	30.2	28.6	27.0	25.4	23.8	22.2	20.6	19.0	17.4	15.8	14.2	12.6	11.0	9.4	7.8								
-0.7	-2.8	-0.6	-2.3	-3.0	-2.1	+3.6	-2.1	-3.0	-3.6	-4.2	-4.8	-5.4	-6.0	-6.6	-7.2	-7.8	-8.4	-9.0	-9.6	-10.2	-10.8	-11.4	-12.0	-12.6	-13.2	-13.8	-14.4	-15.0	-15.6	-16.2	-16.8								
55.4	53.3	50.1	47.6	46.1	46.8	49.5	46.1	44.6	43.0	41.4	39.8	38.2	36.6	35.0	33.4	31.8	30.2	28.6	27.0	25.4	23.8	22.2	20.6	19.0	17.4	15.8	14.2	12.6	11.0	9.4	7.8								
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
NE. & NNE.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.	NE. & N.									
0.1	0.1	1.7	4.8	2.7	2.7	1.3	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5								
171	149	296	378	361	320	185	361	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320								
-76	-98	+50	+132	+116	+75	-59	+116	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75	+75								
Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33	Sum 1.33								
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25							
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26							
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27							
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28							
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29							
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30							
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31							
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5											

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 23, 1889, VOL. L.] WEEK ENDING SATURDAY, JUNE 8. [Price 1½d.

General Register Office, Somerset House,
10th June, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 18.	May 25.	June 1.	June 8.		May 18.	May 25.	June 1.	June 8.
Birkenhead	14·8	14·8	15·3	18·8	Liverpool -	16·0	17·5	18·3	18·1
Birmingham	18·6	16·3	16·9	13·4	London -	14·8	15·2	13·8	15·7
Blackburn -	22·4	19·8	17·6	22·8	Manchester -	28·2	28·8	25·1	30·2
Bolton -	22·7	28·2	21·4	17·3	Newcastle-on-Tyne*	23·7	24·6	25·3	22·7
Bradford* -	20·0	17·8	12·7	16·9	Norwich -	11·0	15·5	17·1	13·8
Brighton -	15·9	12·9	13·7	18·0	Nottingham -	14·5	19·1	16·0	17·8
Bristol -	15·2	16·6	13·6	13·0	Oldham -	25·7	20·2	18·7	20·2
Cardiff* -	23·6	14·8	17·6	14·8	Plymouth -	20·7	28·7	29·4	26·0
Derby -	15·9	12·2	14·8	21·7	Portsmouth -	14·8	13·3	18·1	15·1
Halifax -	25·7	22·5	25·7	27·0	Preston -	38·1	30·5	38·6	36·1
Huddersfield	16·9	15·2	18·0	19·7	Salford* -	18·7	21·8	17·4	21·6
Hull -	18·6	17·1	20·6	22·1	Sheffield -	16·7	17·1	18·2	19·5
Leeds -	19·3	19·7	18·5	18·2	Sunderland -	19·8	21·0	18·7	21·4
Leicester* -	11·1	12·1	14·9	10·1	Wolverhampton -	19·0	14·5	15·2	25·3

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·5 in Oldham, 1·6 in Leeds and in Newcastle-upon-Tyne, 1·8 in Bolton, 2·2 in Manchester, 3·9 in Halifax, 4·8 in Hull, and 10·0 in Preston; and from *scarlet fever*, 1·1 in Derby, 1·3 in Salford, and 3·3 in Plymouth; and from *whooping-cough*, 1·8 in Portsmouth, 3·1 in Birkenhead, and 3·5 in Preston. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 49 deaths from *diphtheria* in these towns included 34 in London, 3 in Manchester, 3 in Salford, 3 in Sheffield, and 2 in Birmingham. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2523 BIRTHS and 1306 DEATHS were registered. Allowing for increase of population, the births were 155, and the deaths 160, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·8, 15·2, and 13·8 in the three preceding weeks, rose last week to 15·7. During the first ten weeks of the current quarter the death-rate averaged 16·3 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1306 deaths included 39 from measles, 12 from scarlet fever, 34 from diphtheria, 26 from whooping-cough, 3 from enteric fever, 4 from ill-defined forms of continued fever, 19 from diarrhoea and dysentery, 1 from infantile cholera, and not one from small-pox or typhus; thus, 138 deaths were referred to these diseases, being 84 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17; no small-pox patient was under treatment at the end of the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had declined in the five preceding weeks from 68 to 31, rose again last week to 39, but were 34 below the corrected average; 4 belonged to Westminster, 4 to Pancras, 5 to Islington, 5 to Newington, and 5 to Camberwell sanitary areas. The 12 fatal cases of *scarlet fever*, showed an increase of 8 upon the low number in the previous week, but were 16 below the corrected average; 2 belonged to Mile End Old Town, 2 to Lambeth, and 2 to Battersea sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 570 scarlet fever patients, against 610, 603, and 587 on the three preceding Saturdays; 39 cases were admitted to these hospitals during the week, against 65, 57, and 49 in the three previous weeks. The deaths from *diphtheria*, which had been 24, 21, and 16 in the three preceding weeks, rose last week to 34, and exceeded the corrected average by 17; 4 belonged to Kensington, 2 to St. George, Hanover Square, 2 to Shoreditch, 2 to Whitechapel, 2 to St. George-in-the-East, 2 to Stepney, 2 to Mile End Old Town, and 6 to Lambeth sanitary areas. The 26 fatal cases of *whooping-cough* showed a decline of 23 from the number in the previous week, and were 28 below the corrected average; 3 belonged to Islington and 4 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 13 and 14 in the two previous weeks, further rose last week to 19, but were one below the corrected average; 15 were of children under the age of five years, and 4 of persons aged upwards of 60 years.

The deaths referred to *enteric fever*, which had been 5 and 9 in the two preceding weeks, declined last week to 3, and were 7 below the corrected average; 2 belonged to Hackney sanitary area. The death (sudden) of a child, aged 12 years, in Kensington was, after inquest, referred to fever; that of a man, aged 80 years, in Chelsea, to simple continued fever; that of an infant, aged 11 months, in Clerkenwell to febricula; and that of a female, aged 59 years, in Stepney, to suppressed fever. The Metropolitan Asylum Hospitals contained 14 cases of enteric fever, and not one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 1 and 3 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 217, 177, and 162, in the three preceding weeks, rose again last week to 205, but were 47 below the corrected average.

Different forms of violence caused 58 deaths; 50 were the result of negligence or accident, among which were 19 from fractures and contusions, 5 from burns and scalds, 9 from drowning, and 13 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the streets; 3 by accidents on railways; 2 by fall from window; 2 by fall from building; 2 by fall down stairs or steps; 1 by fall from cradle; 1 by fall in street; 1 by fall in school; 1 by fall, the nature of which was not stated; and 1 by fracture. An inquest was held in each of these 19 cases except the last. Seven cases of suicide were registered, being 2 below the corrected average.

GREATER LONDON.

In Greater London 3317 births and 1594 deaths were registered, corresponding to annual rates of 30·7 and 14·7 per 1000 of the estimated population. In the Outer Ring 7 deaths from measles, 7 from diarrhoea, and 6 from diphtheria were registered. Two fatal cases of measles were returned in Hornsey and in West Ham, and 2 of diphtheria in West Ham sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during May will be found on pages 233-4.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·86 ins.; the lowest reading was 29·53 ins. on Sunday at Noon, and the highest 30·23 ins. on Wednesday morning. The mean temperature of the *air* was 64°·3, and 62°·1 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably above the average during the first six days of the week, but fell below the average on Saturday. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 9·0 miles per hour, which was 1·3 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·31 of an inch. The duration of registered bright sunshine in the week was 50·1 hours, against 52·6 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of MAY 1889; according to their returns 168,223,098 gallons or 764,315 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 224 gallons (101·8 decalitres), rather more than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 28·7 gallons (13·0 decalitres) to each person, against 29·3 gallons during May 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	MAY. 1888.	MAY. 1889.	MAY. 1888.	MAY. 1889.
TOTAL SUPPLY . . .	737,865	750,954	168,736,939	168,223,098
From Thames	355,470	361,988	85,537,636	84,305,006
From Lea and from other Sources . .	382,395	388,966	83,199,303	83,918,092
THAMES.				
Chelsea	34,515	34,922	9,995,614	9,708,123
West Middlesex	70,234	71,647	15,695,910	15,766,945
Southwark and Vauxhall	109,411	110,993	24,239,741	23,761,913
Grand Junction	54,146	55,416	17,566,871	17,295,625
Lambeth	87,164	89,010	18,039,500	17,772,400
LEA AND OTHER SOURCES.				
New River	150,241	152,234	30,919,000	30,684,000
East London	161,571	164,686	39,562,147	41,011,349
Kent	70,583	72,040	12,718,156	12,222,743

Note.—The Return for May 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,089 houses, and a decrease of 513,841 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MAY.

*Water-analysis Laboratory, The Yews, Reigate,
3rd June, 1889.*

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of May.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·8, Tottenham 1·1, Colne Valley 1·5, New River 2·0, Southwark and East London 2·2, Lambeth 2·3, West Middlesex and Grand Junction 2·4, and Chelsea 2·8.

The water drawn from the Thames and supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was of better and more uniform quality than in April. It was in every case efficiently filtered before delivery.

The water obtained chiefly from the River Lea by the New River and East London Companies was efficiently filtered, that supplied by the first named company being of better quality than any of the Thames derived waters, whilst that sent out by the East London Company was equal to the best of these waters.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity; the Kent Company's water being especially distinguished in this respect. The Colne Valley Company's waters was softened before delivery, and was thus rendered suitable for washing. These waters require no filtration. They were clear and bright.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and nearly colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "less turbid and contained rather less organic matter than the April sample, but it was still high."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter. The temperature and organic carbon were unusually high."

I am, &c.

The Registrar General, &c. &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.										
	Chelsea	May 7th, Cab Rank, Horse Guards, Whitehall.	12·8	27·40	·144	·020	0	·215	·235	1·7	18·3
	West Middlesex	May 7th, Cab Rank, Portland-road.	15·8	28·20	·124	·020	0	·222	·242	1·8	18·9
	Southwark	May 7th, Cab Rank, Bricklayers Arms, Old Kent-road.	14·8	29·44	·109	·021	0	·217	·238	1·8	20·0
	Grand Junction	May 7th, Cab Rank, Uxbridge-road, near Marble Arch.	15·2	26·00	·118	·023	0	·194	·217	1·8	18·6
	Lambeth	May 7th, Cab Rank, St. George's- road, Southwark.	13·8	28·84	·120	·017	0	·230	·247	1·8	19·7
	LEA.										
Outer Circle.	New River	May 7th, Cab Rank, Tottenham Court-road.	13·0	27·28	·106	·014	0	·226	·240	1·8	19·1
	East London	May 7th, Fire Brigade Station, Commercial-road, E.	14·0	31·00	·114	·018	0	·299	·317	2·1	20·6
	DEEP WELLS.										
	Kent	May 7th, Mill Lane, Deptford.	12·5	41·60	·041	·009	0	·464	·473	2·6	29·7
	Colne Valley	May 15th, Bushey.	—	17·80	·073	·018	·009	·431	·456	2·6	7·6
	Tottenham	May 8th, Tottenham.	—	41·20	·053	·014	·050	·054	·109	2·9	22·1
	Corporation of Birming- ham*	May 1st, Corporation Wharf, Holliday Street.	10·0	27·72	·209	·049	·001	·150	·200	1·7	14·5
	Corporation of Glasgow†	May 15th, Loch Katrine Water.	9·1	2·70	·242	·041	0	·004	·045	0·7	0·95
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 7th May at the Horse Guards cab-rank, had a temperature of 12°·8 C.; 100,000 lbs. of it contained 27·40 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·144 lb. of carbon and ·020 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·215 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·235 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 18·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 8th June, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1886.	Registered during the Week ending 8th June, 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHES.			
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from						Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	From All Week's Deaths (Diseases in Col. 6-12. Causes.)	From Diseases in Col. 6-12. Causes.	Mean.		In Inches.	In Cent.					
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.						Dysentery.	Violence.			Highest.		Lowest.	Fahrenheit.	Centigrade.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS*	9,555,406	5849	3244	769	656	-	152	41	49	98	23	67	125	208	579	80	17.7	2.3	83.9	42.0	59.7	15.39	0.21	0.53	- 28 TOWNS.
LONDON	4,351,738	2523	1306	306	274	-	39	12	34	26	7	19	58	91	323	23	15.7	1.6	83.9	40.8	64.3	17.94	0.31	0.79	LONDON.
BRIGHTON	121,807	67	42	7	17	-	2	-	-	1	-	-	-	1	7	-	18.0	1.3	79.0	53.0	62.5	16.94	0.14	0.36	BRIGHTON.
PORTSMOUTH	141,253	91	41	9	7	-	-	-	-	5	1	2	3	5	7	1	15.1	0.6	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	94,510	75	25	3	13	-	-	-	-	-	-	-	1	5	4	-	13.8	0.6	-	-	61.6	16.44	0.13	0.83	NORWICH.
PLYMOUTH	78,225	39	39	4	13	-	-	5	-	-	-	-	1	5	4	1	26.0	3.3	81.0	50.6	59.9	15.50	0.35	0.89	PLYMOUTH.
BRISTOL	229,361	136	57	10	12	-	1	1	-	3	3	2	3	4	8	1	13.0	2.3	75.0	48.8	58.7	14.83	0.25	0.63	BRISTOL.
WOLVERHAMPTON	82,544	51	40	12	9	-	2	-	-	2	-	1	1	2	4	-	25.3	3.2	76.1	47.8	58.7	14.83	0.25	0.63	WOLVERHAMPTON.
BIRMINGHAM	454,835	287	117	37	23	-	2	1	2	3	-	2	8	16	13	4	13.4	1.1	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER	150,520	96	29	8	19	-	-	-	1	5	-	1	1	3	4	-	10.1	1.1	-	-	61.3	16.28	0.00	0.00	LEICESTER.
NOTTINGHAM	237,812	149	81	25	15	-	1	-	-	-	1	-	1	3	4	-	17.8	1.8	82.5	50.2	-	-	-	-	NOTTINGHAM.
DERBY	98,529	62	41	8	11	-	1	-	-	2	1	-	2	4	3	2	21.7	2.6	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,541	52	37	7	7	-	1	-	-	6	1	-	-	-	3	-	18.8	4.1	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	320	210	40	37	-	2	5	-	13	5	3	11	13	37	13	18.1	2.4	74.0	50.9	58.0	14.44	0.66	1.68	LIVERPOOL.
BOLTON	114,670	75	38	6	5	-	4	1	-	1	-	6	1	2	3	1	17.3	5.5	-	-	-	-	-	-	BOLTON.
MANCHESTER	378,800	303	219	53	38	-	16	-	3	2	-	12	3	9	33	7	30.2	4.5	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,283	144	97	25	19	-	3	6	3	1	-	4	5	7	16	5	21.6	4.0	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	82	55	12	9	-	4	-	3	-	-	2	2	3	8	3	20.2	3.3	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	101	53	15	10	-	2	1	-	-	-	1	1	2	3	12	22.8	2.2	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	83	72	20	12	-	20	-	1	7	1	-	2	3	6	3	36.1	14.5	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	46	35	10	6	-	1	-	1	1	-	-	4	3	2	1	19.7	1.7	-	-	-	-	-	-	HUDDESFIELD.
HAULFAX	81,080	48	42	9	8	-	6	-	-	-	-	-	2	2	9	1	27.0	4.5	-	-	-	-	-	-	HAULFAX.
BRADFORD*	235,066	109	76	19	11	-	3	1	1	3	-	3	2	3	9	2	10.9	2.4	74.8	49.9	60.3	15.72	0.00	0.00	BRADFORD.
LEEDS	337,449	269	125	30	27	-	11	1	-	-	-	1	6	9	14	-	18.2	1.9	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	198	122	28	26	-	6	2	3	6	-	4	1	2	16	3	19.5	3.3	-	-	57.2	14.00	0.26	0.63	SHEFFIELD.
HULL	208,017	154	88	24	11	-	19	-	-	-	-	3	3	7	11	2	21.4	1.2	74.0	49.0	-	-	-	-	HULL.
SUNDERLAND	184,163	100	55	20	9	-	1	1	-	1	-	-	-	4	6	1	22.7	2.3	-	-	-	-	0.04	0.10	SUNDERLAND.
NEWCASTLE*	160,983	121	70	16	10	-	5	-	-	2	-	-	-	1	5	2	22.7	2.3	68.0	42.0	53.6	12.00	-	-	NEWCASTLE.
CARDIFF*	112,712	68	32	6	8	-	1	-	-	1	-	-	-	-	6	1	14.8	0.9	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	147	77	16	20	-	-	-	-	2	-	3	7	8	12	17	15.1	1.0	68.9	42.7	56.5	13.61	1.16	2.95	EDINBURGH.
GLASGOW	528,144	407	238	49	34	-	16	3	1	16	1	6	8	4	48	21	23.5	4.2	71.7	42.9	57.6	14.22	0.67	1.70	GLASGOW.
DUBLIN	353,082	173	144	29	30	-	5	-	-	2	4	-	-	7	62	9	21.3	1.8	68.2	38.7	55.0	12.78	0.03	0.08	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-THIRD Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2135	2736	2358	2476	2603	2093	2464	2476	2781	2430	2678·4	2523
Males . .	1082	1406	1204	1247	1352	1101	1259	1287	1422	1225	1372·4	1299
Females .	1053	1330	1154	1229	1256	997	1205	1189	1359	1205	1306·0	1224
TOTAL Deaths	1351	1294	1346	1369	1400	1458	1315	1277	1414	1219	1465·9	1306
Males . .	719	675	709	728	725	750	662	666	752	637	765·8	675
Females .	632	619	637	641	675	708	653	611	662	582	700·1	631

The numbers in this column are the average weekly numbers in the twenty-third weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

			Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	
TOTAL Births	-	-	2699	2670	2808	2676	2509	2488	2522	2712	2565	2648	2402	2405	2523	
TOTAL Deaths	-	-	1688	1554	1476	1572	1493	1426	1462	1386	1295	1231	1267	1151	1306	
Ages at Death	{	0—20 years	-	719	666	642	729	671	670	708	626	577	571	608	506	601
		20—40 "	-	188	165	200	175	183	174	171	184	175	169	152	143	186
		40—60 "	-	298	274	274	277	266	214	256	266	251	205	221	209	245
		60—80 "	-	357	366	287	305	310	299	264	258	245	232	224	237	234
		at 80 years & upwds.	-	76	83	73	76	63	69	63	52	47	54	62	51	40
"	{	Under 1 year	-	362	317	316	368	322	299	361	309	287	267	301	242	306
		1—5	-	249	276	242	261	251	279	273	246	218	225	222	181	205
		5—20	-	108	73	84	100	98	92	74	71	72	79	85	83	90
Deaths from Small-pox			-	-	-	-	-	-	-	-	-	-	-	-	-	
"	"	Measles	-	60	84	56	74	72	70	65	63	60	53	47	31	39
"	"	Scarlet fever	-	16	6	11	15	13	10	9	15	10	7	16	4	12
"	"	Diphtheria	-	31	23	18	26	36	22	29	21	23	24	21	16	34
"	"	Whooping-cough	-	37	42	51	49	43	51	56	55	37	36	48	49	26
"	"	Typhus	-	-	-	-	1	-	-	-	-	-	-	-	-	-
"	"	Enteric fever	-	6	4	8	9	10	6	3	5	5	7	5	9	3
"	"	Simple Cont ^d fever	-	-	-	-	1	-	1	2	4	1	1	-	4	-
"	"	Diarrhœa and Dysentery	-	14	18	9	17	11	10	18	12	10	14	13	14	19
"	"	Cholera	-	2	-	-	-	-	-	-	-	-	1	-	1	-
"	"	all the above- mentioned Diseases	-	166	177	153	190	187	169	181	178	149	142	152	123	138
"	"	Dis. of Respira- tory System	-	396	378	332	364	294	300	305	242	213	217	177	162	205
"	"	Phthisis	-	162	139	153	170	152	128	164	143	125	137	148	144	174
"	"	Dis. of Circula- tory System	-	157	127	153	146	135	98	119	154	134	97	98	101	97
Violent Deaths			-	63	53	52	69	68	57	69	55	66	51	48	55	58
Inquest Cases			-	127	111	125	130	130	111	116	107	125	85	89	104	91
Deaths in Public Institutions			-	378	366	354	340	325	315	331	315	310	311	242	290	323
TEMPERATURE OF THE AIR																
Mean			-	38·8	42·5	45·6	43·5	43·5	46·5	47·5	50·8	57·7	54·0	61·9	55·7	64·3
Mean of Highest readings			-	46·8	50·3	54·6	51·8	50·4	55·3	57·8	61·9	67·9	64·5	75·1	64·9	77·2
Mean of Lowest readings			-	31·2	25·7	38·6	37·4	38·6	39·8	39·1	41·5	49·1	46·7	50·8	48·0	53·4
Humidity of the Air			-	80	80	81	78	90	84	80	79	77	85	77	82	73
Rain-fall in inches			-	0·04	0·53	0·11	0·27	0·56	0·10	0·75	0·79	0·71	0·19	0·51	1·33	0·31
Registered Sunshine (in hours)			-	14·8	18·4	14·3	21·3	8·6	12·5	31·3	39·8	37·5	27·7	49·1	47·2	50·1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandstorrough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of Ages from different CAUSES in the TWENTY-THIRD Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 23rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 8th June 1889.								Corrected Averages for the 23rd Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 23rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 8th June 1889.							
		Deaths of Persons of the Ages											Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.				ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.				
ALL CAUSES - -	1465.9.	1306	306	205	90	186	245	234	40	Diseases of Organs of Special Sense † - -	2.9	3	1	-	2	-	-	-	-	
Small-pox { Vaccinated † - -	17.0 {	-	-	-	-	-	-	-	-	Diseases of Circulatory System - -	95.0	87	-	1	2	14	39	34	7	
Unvaccinated † - -		-	-	-	-	-	-	-	-	Croup - - - - -	12.4	7	1	4	2	-	-	-	-	
No Statement		-	-	-	-	-	-	-	-	Bronchitis - - - -	128.5	113	44	27	1	2	8	23	5	
Measles - - - - -	72.6	39	8	29	2	-	-	-	-	Pneumonia - - - -	79.4	71	18	17	6	9	13	7	1	
Scarlet Fever - - -	23.4	12	-	8	3	1	-	-	-	Pleurisy - - - - -	6.2	2	-	-	-	-	-	-	-	
Typhus - - - - -	0.7	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	25.1	12	1	4	3	-	1	1	2	
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Dentition † - - - -	13.8	6	3	3	-	-	-	-	-	
Infuenza - - - - -	0.1	-	-	-	-	-	-	-	-	Quinsy, Sore Throat † - -	1.7	-	-	-	-	-	-	-	-	
Whooping-cough - -	54.2	23	15	11	-	-	-	-	-	Enteritis - - - - -	6.0	6	3	-	1	-	2	-	-	
Diphtheria - - - -	16.5	34	2	19	12	-	1	-	-	Peritonitis - - - -	6.8	7	-	-	2	1	2	5	-	
Simple Continued and ill-defined Fever - -	1.7	4	1	-	1	-	1	-	1	Diseases of Liver - -	31.4	31	3	-	-	4	11	13	-	
Enteric Fever - - -	10.1	3	-	-	1	-	2	-	-	Other Diseases of Digestive System - -	26.6	24	5	1	1	3	7	6	1	
Cholera - - - - -	0.7	1	1	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - - -	2.0	3	-	-	-	2	-	-	1	
Diarrhoea, Dysentery	20.3	19	12	3	-	-	-	3	1	Diseases of Urinary System - -	35.2	41	-	-	-	7	20	14	-	
Remittent Fever † -	0.5	-	-	-	-	-	-	-	-	Diseases of Generative System - -	6.6	3	-	-	1	1	1	-	-	
Hydrophobia - - -	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	3.8	3	-	-	-	3	-	-	-	
Glanders - - - - -	0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	6.4	7	-	-	1	2	4	-	-	
Cowpox and Effects of Vaccination † - - -	0.3	-	-	-	-	-	-	-	-	Diseases of Integumentary System - -	6.1	5	-	1	-	-	2	2	-	
Veneral Affections -	8.6	7	6	-	-	1	-	-	-	VIOLENT DEATHS. ‡										
Erysipelas - - - -	5.8	7	2	-	-	1	3	1	-	ACCIDENT.)										
Pyæmia and Septicæmia †	3.2	2	-	-	-	1	1	-	-	Fracture and Contusion	22.3	19	2	3	3	5	3	3	-	
Puerperal Fever - -	5.3	6	-	-	6	-	-	-	-	Gunshot Wound - - -	0.0	1	-	-	1	-	-	-	-	
Other Zymotic Diseases †	2.4	2	-	2	-	-	-	-	-	Cut, Stab - - - - -	0.4	-	-	-	-	-	-	-	-	
Thrush - - - - -	1.7	4	4	-	-	-	-	-	-	Burn and Scald - - -	4.4	5	-	1	2	1	1	-	-	
Worms and other Parasitical Diseases - -	0.2	-	-	-	-	-	-	-	-	Poison - - - - -	1.2	1	-	-	-	-	1	-	-	
Starvation, Want of Breast-milk † - - -	0.9	-	-	-	-	-	-	-	-	Drowning - - - - -	8.5	9	-	5	3	-	-	-	-	
Alcoholism - - - -	5.5	5	-	-	1	2	2	-	-	Suffocation - - - -	11.3	13	13	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart †	6.2	8	-	4	2	1	1	-	-	Otherwise - - - - -	2.5	2	-	1	-	-	1	-	-	
Rheumatism † - - -	2.0	5	-	-	1	3	1	-	-	(HOMICIDE.)										
Gout - - - - -	2.7	5	-	-	-	1	4	-	-	Murder & Manslaughter	2.3	1	-	-	-	1	-	-	-	
Rickets † - - - -	3.5	11	1	10	-	-	-	-	-	(SUICIDE.)										
Cancer - - - - -	56.0	62	-	-	6	28	23	-	-	Gunshot Wound - - -	1.3	1	-	-	-	1	-	-	-	
Tabs Mesenterica - -	21.0	25	14	8	2	1	-	-	-	Cut, Stab - - - - -	2.1	1	-	-	-	-	-	-	-	
Tubercular Meningitis	29.4	37	13	17	5	1	1	-	-	Poison - - - - -	1.1	1	-	-	-	1	-	-	-	
Phthisis - - - - -	168.6	174	4	5	15	90	51	9	-	Drowning - - - - -	1.5	2	-	1	1	-	-	-	-	
Scrofula, Tuberculosis	20.2	24	6	9	5	2	1	1	-	Hanging - - - - -	2.2	2	-	-	-	-	-	-	-	
Other Constitutional Diseases † - - -	10.7	13	-	-	4	2	6	1	-	Otherwise - - - - -	0.5	-	-	-	-	-	-	-	-	
Premature Birth - - -	34.0	40	40	-	-	-	-	-	-	(EXECUTION.)										
Alelectasia † - - -	2.9	2	2	-	-	-	-	-	-	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-	
Congenital Malformations - - -	5.7	4	4	-	-	-	-	-	-	OTHER CAUSES † - -	56.2	39	35	3	-	-	1	-	-	
Old Age - - - - -	41.1	34	-	-	-	-	10	15	-											
Apoplexy - - - - -	59.4	30	-	-	1	13	15	1	-											
Epilepsy - - - - -	7.4	9	-	1	-	3	4	-	-											
Convulsions - - - -	41.8	34	28	6	-	-	-	-	-											
Other Diseases of Brain and Nervous System †	94.3	80	14	12	4	10	12	25	3											

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence as inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and DIPHtheria, during the Week ending

		The DEATHS registered in the Week include																
REGISTRATION		Enu- merated Popu- lation, 1881	Total Deaths	Total Deaths.	Deaths of												Deaths in Public Institutions.	Unrecorded Causes.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON		3,815,704	2523	1306	306	274	-	39	12	34	26	-	3	4	19	58	91	323
WEST DISTRICTS		699,693	376	241	44	55	-	6	2	8	4	-	-	2	1	11	21	64
NORTH DISTRICTS		905,947	598	293	75	59	-	12	1	8	7	-	2	-	4	8	15	71
CENTRAL DISTRICTS		382,288	149	107	30	21	-	2	-	1	1	-	1	2	7	10	33	1
EAST DISTRICTS		692,738	502	244	55	63	-	4	2	5	3	-	1	4	16	27	50	1
SOUTH DISTRICTS		1,265,148	898	421	102	76	-	15	7	12	11	-	1	-	8	16	18	75
METROPOLITAN ASYLUM FOR FETAL OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																		
St. Mary Paddington WHH G.J. & W.M.		69898	46	17	5	3	-	-	-	-	-	-	-	-	-	3	4	1
St. John Paddington H - G.J.		37380	8	15	-	4	-	-	-	-	-	-	-	-	-	1	2	4
Kensington Town WHH - W.M.		120141	48	38	5	16	-	-	-	2	-	-	1	1	-	2	13	4
Brompton H - W.M. & C.		49010	13	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - W.M.		7599	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.		64340	58	26	5	5	-	-	-	-	-	-	-	-	1	3	2	2
Fulham WHH - W.M. & C.		42900	68	30	8	6	-	2	2	2	-	-	-	-	4	6	8	1
Chelsea South HHH - C.		40396	10	9	1	3	-	-	-	-	-	-	1	-	-	-	-	-
Chelsea North-west WHHHH - C.		24925	17	13	2	4	-	1	-	1	-	-	-	-	-	-	-	-
Chelsea North-east - C.		32807	21	12	2	1	-	1	-	1	-	-	-	-	-	1	-	-
May Fair WHH - G.J.		30353	3	5	-	3	-	-	-	-	-	-	-	-	-	-	4	1
Belgrave WHH - C.		59220	22	24	4	1	-	-	-	12	-	-	-	-	2	2	8	1
St. John Westminster HHH - C.		35496	25	13	5	2	-	4	-	-	-	-	-	-	-	1	-	-
St. Margaret Westminster H - C.		24679	11	10	3	1	-	-	-	1	-	-	-	-	-	-	6	-
St. James Westminster WHH N.R. & G.J.		29041	9	14	6	3	-	-	-	-	-	-	-	-	-	-	3	2
St. Anne Sobo HHHHHH - N.R.		16608	12	5	2	1	-	-	-	-	1	-	-	-	-	-	1	-
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - W.M.		26759	10	14	3	1	-	-	-	-	-	-	-	-	-	-	-	6
Cavendish Square HHHH - W.M.		14981	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WHH G.J. & W.M.		24899	5	6	3	-	-	1	-	-	-	-	-	-	-	-	1	2
St. Mary Marylebone HHH G.J. & W.M.		21118	32	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.		33700	19	12	6	4	-	1	-	-	1	-	-	-	1	1	-	-
St. John Marylebone H - W.M.		35633	19	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-
Hamstead WWHHHH N.R. & W.M.		45432	33	10	3	3	-	-	-	1	-	-	-	-	-	-	1	1
Regent's Park Pancras H - W.M.		39115	20	9	4	-	-	-	-	-	-	-	-	-	1	2	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	11	25	5	3	-	3	-	-	-	-	-	-	1	3	15	-
Gray's Inn Lane HHH - N.R.		30247	28	9	4	1	-	-	-	-	-	-	-	-	1	2	2	-
Somers Town HHH - N.R.		84869	28	10	5	-	-	-	-	-	-	-	-	-	1	1	-	-
Camden Town WHH - N.R.		17811	7	6	3	1	-	-	-	-	-	-	-	-	-	-	5	-
Kensish Town W - N.R.		67437	57	26	1	7	-	1	-	1	-	-	-	-	-	-	-	7
Upper Holloway WWHH - N.R.		67948	60	40	11	9	-	1	-	-	2	-	-	-	1	1	3	16
Islington South-west HH - N.R.		100376	69	22	4	4	-	3	-	-	-	-	-	-	1	-	-	-
Islington South-east - N.R.		61825	27	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-
Highbury H - N.R.		52043	80	15	4	4	-	1	-	-	1	-	-	-	-	-	-	-
Stoke Newington H - N.R.		22781	28	9	2	4	-	-	-	1	-	-	-	-	-	-	1	-
Stamford Hill - E.L.		9277	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - N.R.		37610	19	11	1	3	-	1	-	1	-	-	-	-	1	1	1	1
Hackney WWHH - E.L. & N.R.		76911	55	29	4	5	-	-	1	5	-	-	1	-	-	1	1	16
South Hackney - E.L.		39888	25	15	3	3	-	-	-	-	2	-	-	-	-	1	1	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury - N.R.		16681	12	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - N.R.		14864	8	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - N.R.		16837	4	4	1	2	-	-	-	-	-	-	-	-	-	-	2	-
St. Martin-in-the-Fields HH N.R. & C.		17508	5	8	1	1	-	-	-	-	-	-	-	-	1	1	-	-
St. Mary-le-Strand H - N.R.		7515	3	2	-	-	-	-	-	-	1	-	-	-	1	2	2	3
St. Clement Danes H - N.R.		8559	3	7	-	-	-	1	-	-	-	-	-	-	1	-	4	1
Strand Union Workhouse, Edmonton w.		-	-	6	1	4	-	-	-	-	-	-	-	-	-	-	6	-
St. Geo., the Martyr HHHHHH N.R.		18671	14	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - N.R.		10706	4	5	2	1	-	-	-	1	-	-	-	-	-	1	5	-
Saffron Hill H - N.R.		6588	5	2	1	1	-	-	-	-	-	-	-	-	1	2	1	-
St. James Clerkenwell - N.R.		17516	19	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - N.R.		19281	13	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentoville - N.R.		14773	10	10	7	1	-	-	-	-	-	-	-	-	1	1	-	-
Geoswell-street - N.R.		17606	12	4	2	-	-	-	-	-	-	-	1	-	-	-	-	-
Old-street H - N.R.		11541	5	4	1	-	-	-	-	-	-	-	-	-	1	1	-	-
City-road HHL - N.R.		18028	18	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - N.R.		9217	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Finsbury - N.R.		7463	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
St. Botolph H - N.R. & E.L.		11174	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - N.R.		7193	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - N.R.		5358	2	15	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - N.R.		8396	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barkin - N.R.		13666	-	-	-	-	-	-	-	-	-	-	-	-	1	1	11	-
Broad Street H - N.R.		5652	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

The DEATHS registered in the Week include																	
REGISTRATION		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of												
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarthoses.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																	
Allywell Shoreditch	N.R. & E.L.	7876	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch	HL*	14967	6	3	-	1	-	-	-	-	-	-	-	-	-	1	4
oxton New Town	-	29937	20	13	2	4	-	-	-	-	-	-	-	-	-	1	4
oxton Old Town	-	28036	25	8	1	1	-	-	-	-	-	-	-	-	-	1	4
aggarston WH	N.R. & E.L.	46276	31	16	9	3	-	-	-	-	-	-	-	-	-	1	5
keyney-road H-	-	29738	29	7	3	1	-	-	-	-	-	-	-	-	-	-	1
reen, Bethnal Green	WHL*	47932	32	18	3	7	-	-	-	-	-	-	-	-	-	1	9
urch, Bethnal Green	-	29961	20	5	2	1	-	-	-	-	-	-	-	-	-	-	-
own, Bethnal Green	-	19810	15	6	4	-	-	-	-	-	-	-	-	-	-	-	-
pitfields	-	22585	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-
ille End New Town W	-	15473	15	12	-	-	1	-	-	-	-	-	-	-	-	1	8
hitechapel Church H	E.L. & N.R.	17490	18	24	1	5	-	-	-	-	-	-	-	-	-	4	21
oodman's Fields	-	9713	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	N.R. & E.L.	6102	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
t. George's, North	-	38747	44	13	5	3	-	-	1	-	-	-	-	-	1	1	-
t. John, St. George East W	-	8410	1	6	-	5	-	-	-	-	-	-	-	-	2	5	1
adwell HH	-	16395	5	9	1	1	-	-	-	-	-	-	-	2	2	5	-
atcliff	-	16107	10	6	-	-	-	-	1	-	-	-	-	1	1	-	-
imehouse	-	32041	16	9	1	3	-	-	-	-	1	1	-	2	-	-	-
ille End Old Town West	-	37960	36	12	3	2	-	1	-	-	-	-	-	-	-	-	-
ille End Old Town East WWH	-	67653	42	17	4	5	-	1	-	-	-	-	-	2	3	2	-
ow L-	-	37074	52	5	2	-	-	-	-	1	-	-	-	-	-	-	1
romley WWH	-	64359	55	35	3	16	-	-	-	-	-	1	-	3	7	16	-
oplar WWH	-	56077	57	16	7	2	-	-	-	1	-	-	-	-	1	2	-
SOUTH DISTRICTS.																	
hristchurch Southwark WH	L. & S.	18663	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
t. Saviour Southwark	-	14999	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-
ent-road	S. & L.	21381	16	9	3	-	-	1	1	-	-	-	-	-	-	-	-
orough-road WH	-	15933	11	9	4	-	-	-	-	1	-	-	-	-	-	3	1
ondon-road HL	-	21315															

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum " "
Holborn Infirmary " in Upper Holloway sub-district.	Wentminster Union Industrial School in West Battersea sub-district.
London City Workhouse " in Hoxton sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " in Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
London City " " Mile End Old Town Eastern sub-dist.	
" " " and Bromley sub-district.	

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 8th June, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, in- clud- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include															
						Deaths of		Deaths from													
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.			
LONDON—OUTER RING						370,924	950,957	794	288	62	70	-	7	3	6	5	4	7	10	17	42
80:1	Carshalton <i>wL</i>	-	12298	21118	6	10	2	2	-	-	-	-	-	-	-	-	1	-	-	-	6
2	Epsom (part of)* <i>WwH</i>	-	9971	10710	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Godstone (part of)*	-	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHHL</i>	-	20851	101241	55	24	6	3	-	-	-	-	-	-	-	-	-	1	1	1	3
2	Mitcham <i>w†</i>	-	11697	17392	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39:1	Wimbledon <i>HHH</i>	-	3220	15950	5	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Kingston <i>WHH</i>	-	8249	36354	26	12	1	6	-	-	-	-	-	-	-	-	-	-	-	1	-
3	Esher (part of)*	-	6601	9221	12	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i>	-	4373	13539	10	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
40:1	Richmond <i>WH</i>	-	2272	21302	8	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
2	Mortlake	-	2911	12331	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41:1	Bromley (pt. of)* <i>HH</i>	-	15689	81142	31	10	5	3	-	-	-	2	1	-	-	-	-	-	-	-	-
2	Chislehurst (pt. of)* <i>WHH</i>	-	14307	15844	13	7	-	3	-	-	1	-	-	-	1	1	3	-	-	-	-
42:1	Bexley <i>H</i>	-	13437	24134	26	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1
2	Dartford (<i>Ww</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124:1	Sunbury <i>w</i>	-	11055	11635	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i>	-	13277	12089	20	5	2	3	-	-	-	-	-	-	-	-	-	-	-	1	-
125:1	Hillingdon <i>WHH</i>	-	6029	10802	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge	-	6178	3225	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i>	-	14587	11523	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1
126:1	Isleworth <i>WHH</i>	-	7008	22727	13	14	2	5	-	1	-	-	-	-	1	1	1	7	-	-	-
2	Twickenham <i>H</i>	-	2477	12479	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i>	-	4345	27649	22	7	1	1	-	-	1	-	1	-	-	-	1	-	-	-	-
4	Chiswick	-	1340	15975	10	2	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-
5	Acton <i>wH</i>	-	6083	22276	16	8	2	-	-	-	1	1	-	-	-	-	1	1	-	-	-
127:1	Harrow <i>H</i>	-	13809	12796	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i>	-	6994	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden	-	4583	27453	39	13	1	5	-	-	-	-	-	-	-	-	-	1	2	-	-
4	Hendon <i>W</i>	-	8392	10484	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
128:1	Bushey	-	9331	6821	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	South Mimms	-	15599	6391	3	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
2	Barnet	-	5483	10092	7	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
3	Finchley <i>HL</i>	-	4388	17616	10	7	1	-	-	-	-	-	-	-	-	-	-	1	1	5	-
135:1	Hatfield (part of)*	-	2306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i>	-	3039	37078	23	9	4	1	-	2	-	-	-	-	1	-	-	-	-	-	-
2	Tottenham <i>H</i>	-	4642	46456	52	21	3	2	-	1	-	1	1	-	1	-	-	-	2	1	-
3	Edmonton <i>Ww†</i>	-	7453	23463	24	7	1	2	-	-	1	-	-	-	-	-	-	-	-	2	-
4	Enfield <i>WH</i>	-	12653	19104	15	7	1	1	-	-	-	-	-	-	-	-	1	1	1	-	-
5	Waltham Abbey	-	11017	5363	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt	-	8490	7735	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford	-	892	38066	27	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	West Ham <i>wowwH†</i>	-	7351	101053	123	37	12	3	-	2	1	2	1	-	1	1	1	1	-	-	1
3	Leyton <i>WwL</i>	-	4372	32430	53	21	4	6	-	-	-	-	-	-	-	-	-	-	-	7	-
4	Walthamstow <i>H</i>	-	6590	23869	33	11	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
137:1	Chigwell (part of)* <i>H</i>	-	11751	9669	7	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
138:1	Romford (part of)* <i>W</i>	-	6730	2411	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford	-	8493	7845	5	2	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
3	Barking Town	-	4127	9203	13	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 80:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Dagenham in Romford sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 138:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospitals, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th June, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
						Deaths of		Deaths from									
						From All Causes.	From Diseases in Cols. 8-14.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.
GREATER LONDON	448,334	5,642,015	14.7	1.6	1594	368	344	-	46	15	40	31	11	26	68	365	
INNER LONDON	77,410	4,351,738	15.7	1.6	1306	306	274	-	39	12	34	26	7	19	68	323	
OUTER RING	370,924	1,290,277	11.6	1.3	288	62	70	-	7	3	6	5	4	7	10	42	

NOTE.—The area of Greater London is 448,334 acres; of which 4,693 acres are tidal water and foreshore. This area is equal 700'522 square miles, which is equivalent to the area of a circle having a radius of 14'933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,606,200 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.									
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.			
ALCUTTA	433,219	April 13	-	172	20.7	4	1	-	-	-	-	42	28†		
BOMBAY	773,196	May 14	268	513	29.3	21	35	-	-	-	-	167	29†		
MADRAS	398,777	April 5	311	355	46.2	1	75	?	?	?	?	69	39†		
PARIS	2,260,945	June 1	1274	884	20.3	3	13	9	33*	7	17	54			
BRUSSELS	471,606	" 1	257	178	19.6	-	-	-	-	3	1	16			
(the 8 Faubourgs.)															
AMSTERDAM	403,083	" 1	256	189	24.6	-	7	1	3	2	2	-			
ROTTERDAM	197,723	" 1	130	93	24.3	-	11	-	-	-	1	-			
THE HAGUE	153,440	" 1	106	44	14.9	-	-	-	-	-	-	-			
COPENHAGEN	307,000	May 25	109	135	22.9	-	-	-	7	3	1	13			
STOCKHOLM	221,549	" 25	150	83	18.9	-	-	1	2*	-	-	10			
CHRISTIANIA	138,300	June 1	53	43	16.2	-	1	-	-	2	8	4			
ST. PETERSBURG	842,883	May 25	-	550	34.0	2	6	9	4	4	18	58			
BERLIN	1,470,582	" 18	856	596	20.9	-	1	4	16	5	4	71			
HAMBURG (State)	675,276	" 25	364	243	22.0	-	-	1	4*	2	2	7			
DRESDEN	264,196	" 25	157	123	24.6	?	-	-	3*	?	3	7			
BRISLAU	315,000	June 1	207	184	30.7	-	4	-	3*	2	-	26			
MUNICH	281,000	May 25	213	170	31.0	-	7	1	4*	-	1	27			
VIENNA	811,434	" 25	532	399	25.6	-	11	1	7	2	3	37			
PRAGUE	304,356	" 25	-	160	27.4	4	1	1	5	3	1	5			
BUDA-PESTH	452,907	" 25	355	279	32.0	-	-	5	5	2	3	25			
BRISTOL	158,084	" 25	-	46	15.1	-	-	-	-	1	-	2			
ROME	461,044	April 20	198	181	23.5	5	6	-	8	-	7†	4			
PARIS (10 days)	306,393	May 10	-	-	-	-	-	-	-	-	-	-			
VENICE	163,375	" 25	83	76	25.9	3	4	-	3*	-	2	3			
CAIRO	374,338	" 16	363	403	56.8	12	6	-	-	2	20	139			
ALEXANDRIA	231,396	" 16	151	189	42.6	3	4	-	-	-	12	36			
NEW YORK	1,549,500	" 18	-	744	25.1	-	7	26	44	12	5	16			
BROOKLYN	814,505	" 18	-	345	21.9	-	5	11	22	6	-	6			
PHILADELPHIA	1,040,245	" 18	-	420	21.1	-	6	5	5	7	17	7			
BALTIMORE	500,343	" 18	-	141	15.0	-	-	1	2	-	1	-			

* Including deaths from croup.

† Including 20 deaths from cholera in Calcutta, 7 in Bombay, and 2 in Madras.

‡ Including 5 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th JUNE, 1889.
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is 169 feet above the mean level of the sea; and correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's *Hygrometrical Tables*.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—*E*, positive; *N*, negative; *w*, weak; *m*, moderate; *s*, strong; and *v*, variable.

The numbers in column 26 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.73 in. at the beginning of the week to 29.23 in.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Sushine, in hours.	General Remarks.
JUNE.				
SUNDAY	2		10.1	16.3
MONDAY	3		11.9	16.3
TUESDAY	4		6.6	16.3
WEDNESDAY	5	The electrometer was set throughout the week.	10.6	16.4
THURSDAY	6		6.5	16.4
FRIDAY	7		4.4	16.4
SATURDAY	8		0.0	16.4
			Sun 50.1	Sum 114.5

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 24. 1889. VOL. L.] WEEK ENDING SATURDAY, JUNE 15. [Price 1½d.

General Register Office, Somerset House,
17th June, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·6 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	May 25.	June 1.	June 8.	June 15.		May 25.	June 1.	June 8.	June 15.
Birkenhead	14·8	15·3	18·8	12·7	Liverpool -	17·5	18·3	18·1	18·2
Birmingham	16·3	16·9	13·4	13·5	London -	15·2	13·8	15·7	15·0
Blackburn -	19·8	17·6	22·8	20·7	Manchester -	23·8	25·1	30·2	26·3
Bolton -	23·2	21·4	17·3	15·9	Newcastle-on-Tyne*	24·6	25·3	22·7	20·4
Bradford*	17·8	12·7	16·9	16·4	Norwich -	15·5	17·1	13·8	13·3
Brighton -	12·9	13·7	18·0	11·1	Nottingham -	19·1	16·0	17·8	12·7
Bristol -	16·6	13·6	13·0	16·4	Oldham -	20·2	18·7	20·2	17·6
Cardiff*	14·8	17·6	14·8	17·6	Plymouth -	28·7	29·4	26·0	20·0
Derby -	12·2	14·8	21·7	14·3	Portsmouth -	13·3	18·1	15·1	14·4
Halifax -	22·5	25·7	27·0	20·6	Preston -	30·5	38·6	36·1	33·0
Huddersfield	15·2	18·0	19·7	19·1	Salford*	21·8	17·4	21·6	15·1
Hull -	17·1	20·6	22·1	19·6	Sheffield -	17·1	18·2	19·5	17·9
Leeds -	19·7	18·5	18·2	18·7	Sunderland -	21·0	18·7	21·4	21·0
Leicester*	12·1	14·9	10·1	16·6	Wolverhampton -	14·5	15·2	25·3	23·4

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·7 in Huddersfield, 1·8 in Bolton, 1·9 in Leeds, 2·6 in Manchester and in Halifax, 4·3 in Hull, and 6·0 in Preston; from *scarlet fever*, 1·6 in Salford, and 2·7 in Plymouth; from *whooping-cough*, 2·0 in Plymouth and in Preston, and 2·2 in Bradford; and from "*fever*," 1·6 in Derby. The 36 deaths from *diphtheria* in the twenty-eight towns included 26 in London, 3 in Manchester, and 2 in Salford. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2396 BIRTHS and 1247 DEATHS were registered. Allowing for increase of population, the births were 288, and the deaths 180, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·2, 13·8, and 15·7 in the three preceding weeks, declined again to 15·0 last week. During the first eleven weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 3·4 per 1000 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1247 deaths included 32 from *measles*, 11 from *scarlet fever*, 26 from *diphtheria*, 37 from *whooping-cough*, 8 from *enteric fever*, 2 from ill-defined forms of continued fever, 34 from *diarrhœa* and *dysentery*, and not one from small-

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

pox, typhus, or cholera; thus, 150 deaths were referred to these diseases, being 71 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being '18; no small-pox patient was under treatment in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 47, 31, and 39 in the three previous weeks, fell again to 32 last week, and were 34 below the corrected average; 3 belonged to Pancras, 4 to Whitechapel, 3 to Camberwell, and 4 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 16, 4, and 12 in the three preceding weeks, numbered 11 last week, and were 18 below the corrected average; 4 (including 2 in North Street, Limehouse) belonged to Stepney sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 572 scarlet fever patients, against 603, 587, and 570 on the three preceding Saturdays; 33 cases were admitted to these hospitals during the week, against 57, 49, and 39 in the three previous weeks. The deaths from *diphtheria*, which had been 21, 16, and 34 in the three previous weeks, fell again to 26 last week, but were 9 above the corrected average; 2 belonged to Marylebone, 4 to Hackney, 3 to Shoreditch, 3 to Stepney, 2 to Lambeth, 2 to Wandsworth, and 2 to Camberwell sanitary areas. The 37 deaths from *whooping-cough* exceeded by 11 the number in the previous week, but were 14 below the corrected average; 5 belonged to Chelsea, 3 to Islington, 3 to Rotherhithe, 3 to Battersea, and 3 to Camberwell sanitary areas. The deaths referred to *diarrhœa* and *dysentery*, which had risen from 13 to 19 in the three preceding weeks, further rose to 34 last week, and exceeded the corrected average by 7; 29 were of children under 5 years of age, and 5 of persons aged 60 years and upwards.

The deaths from *enteric fever*, which had numbered 5, 9, and 3 in the three preceding weeks, rose again to 8 last week, but were 3 below the corrected average; 2 belonged to Lambeth sanitary area. Fifteen cases of enteric fever, but not any of typhus, were under treatment in the Metropolitan Asylum Hospitals on Saturday last; 3 cases of enteric fever were admitted during the week, against 3 and 5 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 162 and 205 in the two previous weeks, fell again to 169 last week, and were 67 below the corrected average.

Different forms of violence caused 48 deaths; 42 were the result of negligence or accident, among which were 16 from fractures and contusions, 4 from burns and scalds, 6 from drowning, 3 from poison, and 12 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—7 by accidents from vehicles in the streets; 1 by accident on railway; 1 by kick of a horse; 1 by fall from ladder; 1 by fall into area; 4 by fall, the nature of which was not stated; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 16 cases except the last and one of the 4 deaths by fall last mentioned. Six cases of suicide were registered, being 3 below the corrected average.

GREATER LONDON.

In Greater London 3085 births and 1551 deaths were registered, corresponding to annual rates of 28·5 and 14·3 per 1000 of the estimated population. In the Outer Ring 8 deaths from diarrhœa, 7 from diphtheria, 7 from whooping-cough, and 6 from measles, were registered. Two fatal cases of diphtheria were returned in Tottenham, and 2 in West Ham sub-districts; and 2 of measles in Acton sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 ins.; the lowest reading was 29·46 ins. on Sunday evening, and the highest 29·86 ins. at the end of the week. The mean temperature of the *air* was 56°·8, and 2°·0 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on every day of the week except Thursday, when it was somewhat in excess. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·9 miles per hour, which was 2·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 1·73 inches. The duration of registered bright sunshine in the week was 3·3 hours, against 18·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 15th June, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 15th June, 1889.		The DEATHS registered in the Week include										Annual Rate per 1000 of the corresponding Week's Deaths				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.	
		Males.	Females.	Deaths of		Deaths from							From All Causes.	From Diseases in Cages.	From Diseases in Cages.	Highest.	Lowest.	Mean.	Centigrade.	In Inches.	In Centi- meters.				
				Infants under 1 Year or under 60 Years and upwards.	Persons aged 10 Years and upwards.	Small-pox.	Miscellaneous.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Pertussis.	Diarrhoea.										Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS.*	9,555,406	5045	3031	722	610	-	132	44	36	107	29	81	104	207	514	58	16.6	2.3	73.1	45.1	55.2	12.89	0.33	0.84	- 28 TOWNS.
LONDON	4,351,738	2396	1247	293	233	-	32	11	26	37	10	34	48	109	290	6	15.0	1.8	73.1	48.8	56.8	13.78	1.73	4.30	LONDON.
BRIGHTON	121,807	38	26	4	5	-	2	1	1	3	1	-	1	1	5	-	11.1	2.6	67.0	48.8	55.9	13.28	0.15	0.38	BRIGHTON.
PORESMOUTH	141,253	104	26	11	9	-	-	-	-	-	-	-	-	-	7	-	14.4	1.5	-	-	-	-	-	-	PORESMOUTH.
NORWICH	94,510	49	24	4	6	-	-	-	-	3	-	-	-	2	3	-	13.3	0.0	70.0	48.4	55.9	13.28	0.34	0.86	NORWICH.
PLYMOUTH	78,225	46	30	10	4	-	-	4	-	-	-	3	1	3	6	1	16.4	2.0	68.0	47.6	54.0	12.22	0.26	0.66	PLYMOUTH.
BRISTOL	229,351	97	72	16	20	-	4	-	1	1	1	3	1	3	7	-	23.4	2.5	72.4	45.1	53.8	12.11	0.05	0.13	BRISTOL.
WOLVERHAMPTON	82,544	39	37	7	11	-	2	-	-	1	1	1	1	4	7	-	13.5	0.9	-	-	-	-	-	-	WOLVERHAMPTON.
BIRMINGHAM	454,835	244	118	29	21	-	1	2	-	4	-	1	3	9	16	-	13.5	0.9	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER*	150,520	81	48	18	11	-	1	-	-	3	1	2	2	3	11	-	16.6	1.7	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	107	58	10	16	-	-	2	-	-	2	2	2	3	11	-	12.7	1.5	70.7	46.9	54.5	12.50	0.38	0.84	NOTTINGHAM.
DERBY	98,529	46	27	8	5	-	-	-	-	1	3	-	3	4	5	2	14.3	1.6	-	-	-	-	-	-	DERBY.
BIRMINGHAM	102,511	54	25	9	7	-	-	-	-	-	-	-	-	-	3	-	12.7	0.5	-	-	-	-	-	-	BIRMINGHAM.
LIVERPOOL	606,562	283	211	44	34	-	3	1	-	7	4	10	10	11	46	10	18.2	2.2	68.7	47.2	54.8	12.67	0.09	0.23	LIVERPOOL.
ROTON	114,670	63	35	10	8	-	4	-	-	1	2	2	-	1	-	-	15.9	4.1	-	-	-	-	-	-	ROTON.
MANCHESTER	378,800	142	191	49	27	-	19	3	3	6	-	3	10	14	34	6	26.3	4.7	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,283	86	68	14	10	-	1	7	2	2	-	2	2	3	7	2	15.1	3.1	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	80	48	14	6	-	2	-	-	3	-	-	-	-	4	1	17.6	1.8	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	78	48	14	5	-	2	2	-	1	1	2	-	-	2	1	20.7	3.4	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,184	55	66	15	13	-	12	-	1	4	1	2	1	1	1	7	33.0	10.0	-	-	-	-	-	-	PRESTON.
HUDDERSFIELD	92,825	29	34	6	10	-	3	-	-	-	-	2	-	-	3	1	19.1	2.8	-	-	-	-	-	-	HUDDERSFIELD.
HALIFAX	81,080	47	32	4	8	-	4	-	-	-	1	-	-	-	5	2	20.6	3.2	-	-	-	-	-	-	HALIFAX.
BRADFORD*	235,066	92	74	25	7	-	2	3	1	10	-	2	2	5	8	-	16.4	4.0	70.8	47.0	54.7	12.61	0.02	0.05	BRADFORD.
LEEDS	357,449	224	128	30	25	-	13	3	-	4	-	3	1	9	7	1	18.7	3.4	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	196	112	24	22	-	4	4	1	6	1	5	6	8	13	6	17.9	3.3	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	114	78	15	12	-	17	-	-	1	-	1	3	3	13	3	19.6	4.8	72.0	47.0	54.2	12.33	0.16	0.41	HULL.
SUNDERLAND	134,168	87	54	13	6	-	-	1	-	2	1	2	2	2	5	5	21.0	2.3	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE*	160,983	97	63	18	16	-	4	-	-	4	1	1	1	2	5	5	20.4	3.2	70.0	48.0	57.2	14.00	0.12	0.30	NEWCASTLE.
CARDIFF*	112,712	65	38	8	1	-	-	-	-	2	1	1	5	5	3	-	17.6	1.4	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	178	43	19	19	-	-	-	1	2	-	2	-	?	20	24	18.2	1.0	68.5	37.3	55.4	13.00	0.04	0.10	EDINBURGH.
GLASGOW	528,144	377	236	41	32	-	13	2	6	27	3	5	8	?	39	18	23.3	5.5	66.0	38.0	55.6	13.11	0.07	0.18	GLASGOW.
DUBLIN	353,082	153	150	31	35	-	1	-	-	3	1	2	6	4	48	12	22.2	1.0	66.6	35.7	55.0	12.78	0.05	0.13	DUBLIN.

See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FOURTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2414	2368	2480	2493	2477	2805	2375	2287	2513	2399	2633.7	2396
Males . .	1238	1187	1277	1213	1275	1463	1212	1155	1226	1260	1363.7	1201
Females .	1176	1181	1203	1280	1202	1342	1163	1132	1287	1139	1320.0	1195
TOTAL Deaths	1351	1243	1403	1335	1279	1450	1284	1182	1390	1167	1426.8	1247
Males . .	721	661	730	665	658	762	666	623	709	628	744.1	635
Females .	630	582	673	670	621	688	618	559	681	539	682.7	612

The numbers in this column are the average weekly numbers in the twenty-fourth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.
TOTAL Births - -	2670	2808	2676	2509	2488	2522	2712	2565	2648	2102	2405	2523	2396
TOTAL Deaths - -	1554	1476	1572	1493	1426	1462	1386	1295	1231	1267	1151	1306	1247
Ages at { 0–20 years -	666	642	729	671	670	708	626	577	571	608	506	601	564
{ 20–40 " -	165	200	175	183	174	171	184	175	169	152	143	186	173
{ 40–60 " -	274	274	287	266	214	256	265	251	205	221	209	245	227
Death { 60–80 " -	366	287	305	310	299	264	258	245	232	224	237	234	236
{ at 80 years & upwds. -	83	73	76	63	69	63	52	47	54	62	51	40	47
{ Under 1 year -	317	316	368	322	299	361	309	287	267	301	242	306	293
{ 1–5 " -	276	242	261	251	279	273	246	218	225	222	181	205	184
{ 5–20 " -	73	84	100	98	92	74	71	72	79	85	83	90	87
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles -	84	56	74	72	70	65	68	60	53	47	31	39	32
" " Scarlet fever -	6	11	15	13	10	9	15	10	7	16	4	12	11
" " Diphtheria -	23	18	26	36	22	19	21	23	24	21	16	34	26
" " Whooping-cough -	42	51	49	43	51	56	55	37	36	48	49	26	37
" " Typhus -	-	-	-	1	-	-	-	-	-	-	-	-	-
" " Enteric fever -	4	8	9	10	6	3	5	5	7	5	9	3	3
" " Simple Cont ^d fever -	-	-	-	1	-	1	2	4	1	1	-	4	2
" " Diarrhœa and Dysentery } -	18	9	17	11	10	18	12	10	14	13	14	19	31
" " Cholera -	-	-	-	-	-	-	-	-	-	1	-	1	-
" " the above- mentioned Diseases } -	177	153	190	187	169	181	178	149	142	152	123	138	150
" " Dis. of Respira- tory System } -	378	332	364	294	300	305	242	213	217	177	162	205	169
" " Phthisis -	139	153	170	152	128	164	143	125	137	148	144	174	162
" " Dis. of Circula- tory System } -	127	153	146	135	98	119	154	134	97	98	101	97	106
Violent Deaths - -	53	52	69	68	57	69	55	66	51	48	55	58	48
Inquest Cases - -	111	125	130	130	111	116	107	125	85	89	104	91	109
Deaths in Public Institutions	366	354	340	325	315	331	315	310	311	342	290	323	290
TEMPERATURE OF THE AIR													
Mean -	42.5	45.6	43.5	43.5	46.5	47.5	50.8	57.7	54.0	61.9	55.7	64.3	56.8
Mean of Highest readings -	50.3	54.6	51.8	50.4	55.3	57.8	61.9	67.9	64.5	75.1	64.9	77.2	64.0
Mean of Lowest readings -	35.7	38.6	37.4	38.6	39.8	39.1	41.5	49.1	46.7	50.8	43.0	53.4	51.7
Humidity of the Air - -	80	81	78	90	84	80	79	77	85	77	82	73	89
Rain-fall in inches - -	0.53	0.11	0.27	0.56	0.10	0.75	0.79	0.71	0.19	0.51	1.33	0.31	1.73
Registered Sunshine (in hours)	18.4	14.3	21.3	8.6	12.5	31.3	39.8	37.5	27.7	49.1	47.2	50.1	3.3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlainsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FOURTH Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 24th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 15th June 1889.								CAUSES OF DEATH.		Corrected Averages for the 24th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 15th June 1889.												
			Deaths of Persons of the Ages											Deaths of Persons of the Ages												
			ALL AGES.	Under 20.			20 and under 40.		40 and under 60.	60 and under 80.				80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.		40 and under 60.	60 and under 80.	80 Years and upwards.			
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.											
ALL CAUSES - -		1426·8	1247	293	184	87	173	227	236	47																
Small-pox	Vaccinated† - - Unvaccinated - - No Statement - -	13·0 {	-	-	-	-	-	-	-	-																
Measles - - -		63·4	32	7	24	1	-	-	-	-																
Scarlet Fever - -		23·8	11	1	6	4	-	-	-	-																
Typhus - - -		0·5	-	-	-	-	-	-	-	-																
Relapsing Fever † - -		0·0	-	-	-	-	-	-	-	-																
Influenza - - -		0·0	-	-	-	-	-	-	-	-																
Whooping-cough - -		50·9	37	10	26	1	-	-	-	-																
Diphtheria - - -		15·8	26	3	18	4	1	-	-	-																
Simple Continued and Ill-defined Fever - -		1·3	2	1	-	1	-	-	-	-																
Enteric Fever - - -		10·6	8	-	-	4	4	-	-	-																
Cholera - - -		0·8	-	-	-	-	-	-	-	-																
Diarrhoea, Dysentery - -		26·8	34	24	5	-	-	-	4	1																
Remittent Fever † - -		0·2	-	-	-	-	-	-	-	-																
Hydrophobia - - -		0·2	-	-	-	-	-	-	-	-																
Glanders - - -		0·0	-	-	-	-	-	-	-	-																
Cowpox and Effects of Vaccination † - -		0·0	-	-	-	-	-	-	-	-																
Venereal Affections - -		8·9	7	5	-	-	2	-	-	-																
Erysipelas - - -		4·8	3	2	-	-	-	-	1	-																
Pæmia and Septicæmia †		2·6	1	-	-	-	-	-	1	-																
Neurperal Fever - - -		3·7	3	-	-	-	3	-	-	-																
Other Zymotic Diseases †		2·7	2	1	-	-	-	-	1	-																
Thrush - - -		2·3	-	-	-	-	-	-	-	-																
Worms and other Parasitical Diseases - -		0·2	-	-	-	-	-	-	-	-																
Starvation, Want of Breast-milk † - -		0·6	1	1	-	-	-	-	-	-																
Alcoholism - - -		6·4	7	-	-	-	4	3	-	-																
Rheumatic Fever, Rheumatism of Heart †		8·7	6	-	1	1	3	-	1	-																
Rheumatism † - - -		2·0	2	-	-	-	1	1	-	-																
Gout - - -		3·3	4	-	-	-	-	2	1	1																
Rickets † - - -		5·6	5	3	2	-	-	-	-	-																
Cancer - - -		52·0	64	-	-	-	6	28	29	1																
Tuberc Mesenterica - -		23·3	22	9	6	6	1	-	-	-																
Tubercular Meningitis -		28·2	26	8	12	6	-	-	-	-																
Phthisis - - -		163·1	162	3	18	80	47	11	-	-																
Scrofula, Tuberculosis -		15·6	16	5	8	1	1	1	-	-																
Other Constitutional Diseases † - -		9·6	6	1	-	1	1	3	-	-																
Premature Birth - - -		35·8	39	39	-	-	-	-	-	-																
Atelectasis † - - -		3·2	3	3	-	-	-	-	-	-																
Congenital Malformations - -		6·0	5	3	2	-	-	-	-	-																
Old Age - - -		45·2	48	-	-	-	-	-	28	20																
Apoplexy - - -		41·5	38	-	-	5	17	12	4	-																
Epilepsy - - -		7·4	12	-	-	5	5	-	2	-																
Convulsions - - -		47·1	39	35	4	-	-	-	-	-																
Other Diseases of Brain and Nervous System		83·9	78	8	8	11	17	17	27	-																

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9·046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881	Total Births	Total Deaths.	Deaths of															In- quest Cases.	Deaths in Public Institutions.	Uncertified Causes
				Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.						
LONDON	3,815,704	2396	1247	293	283	-	32	11	26	37	-	8	2	34	43	109	290	6			
West Districts	689,838	339	235	68	44	-	5	1	4	12	-	-	-	9	4	9	45	2			
North Districts	905,947	564	260	53	63	-	7	1	7	7	-	3	1	3	13	29	51	-			
Central Districts	282,238	129	70	10	8	-	-	-	2	1	-	-	-	-	3	4	27	-			
East Districts	692,738	418	262	63	68	-	4	4	4	3	-	-	-	14	11	39	68	-			
South Districts	1,985,148	946	420	94	100	-	15	5	9	14	-	5	1	8	17	28	79	4			
METROPOLITAN ASYLUM FOR FETTERS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Districts.																					
St. Mary Paddington WHH G.J. & W.M.	60833	57	23	10	5	-	-	-	1	1	-	-	-	-	-	1	-	7			
St. John Paddington H - - G.J.	37330	8	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Kensington Town Ww - - W.M.	120141	70	33	10	9	-	-	-	-	1	-	-	-	-	3	2	2	13			
Brompton H - - W.M. & C.	49010	7	13	3	5	-	-	-	-	-	1	-	-	-	-	-	-	2			
St. Peter Hammersmith - - W.M.	7399	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith H W.M. & G.J.	64340	68	20	7	2	-	1	-	1	-	-	-	-	3	1	2	6	-			
Fulham Ww - - W.M. & C.	42900	62	31	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea South HHH - - C.	6398	12	14	5	4	-	-	-	-	2	-	-	-	-	-	1	5	1			
Chelsea North-west WHHHHH C.	24923	15	19	3	4	-	-	-	-	-	-	-	-	-	-	-	12	-			
Chelsea North-east - - C.	32807	21	12	3	2	-	-	-	-	1	-	-	-	-	-	-	-	-			
May Fair Ww - - G.J.	80353	5	5	1	2	-	-	-	-	-	-	-	-	-	-	-	4	-			
Belgrave WHHH - - C.	59220	16	13	2	2	-	1	-	-	-	-	-	-	-	-	1	5	1			
St. John Westminster HHH - - C.	35498	10	8	4	3	-	-	-	-	1	-	-	-	-	-	-	1	-			
St. Margaret Westminster H - C.	24679	6	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Westminster WHH N.R. & G.J.	29041	5	13	4	-	-	-	-	-	1	-	-	-	-	-	-	2	-			
St. Anne Soho HHHHHH - N.R.	16608	10	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
North Districts.																					
All Souls Marylebone HHHH - W.M.	26759	11	8	-	3	-	-	-	-	-	1	-	-	-	-	-	5	-			
Cavendish Square HHHH - W.M.	14891	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-			
Rectory Marylebone WH G.J. & W.M.	24809	11	14	2	3	-	-	-	-	-	-	-	-	1	1	4	4	-			
St. Mary Marylebone HHH G.J. & W.M.	21118	27	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone HHH - W.M.	33700	17	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. John Marylebone H - - W.M.	33633	14	11	5	2	-	1	-	1	-	-	-	-	2	2	-	-	-			
Hampstead WwHHHH N.R. & W.M.	45452	35	19	4	4	-	-	-	-	1	-	1	-	1	1	1	4	-			
Regent's Park Paneras H - - W.M.	89115	27	5	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-			
Tottenham-court WHHHH N.R. & W.M.	27729	10	1	2	-	-	2	-	1	-	-	-	-	-	-	2	4	2			
Gray's Ina Lane HHH - - N.R.	30247	18	8	-	1	-	-	-	-	-	-	-	-	-	-	1	3	2			
Somers Town H - - N.R.	84369	9	11	3	3	-	1	-	-	-	-	-	-	-	-	1	1	1			
Camden Town WH - - N.R.	17811	12	9	2	3	-	-	-	-	-	-	-	-	-	-	1	3	5			
Kentish Town W - - N.R.	87457	52	20	7	5	-	-	-	-	-	-	-	-	-	-	2	4	2			
Upper Holloway WwH - - N.R.	67046	49	24	3	8	-	-	-	1	-	-	-	-	-	-	-	-	10			
Islington South-west HH - - N.R.	100976	55	25	3	6	-	1	-	-	2	-	1	-	-	-	-	-	-			
Islington South-east - - N.R.	61825	26	15	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Highbury H - - N.R.	52048	60	11	5	3	-	-	-	-	-	-	-	-	-	-	-	1	-			
Stoke Newington H - - N.R.	22781	11	10	1	2	-	1	-	2	-	-	1	-	-	-	1	-	-			
Stamford Hill - - E.L.	9277	15	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney H - - N.R.	87610	36	8	2	1	-	1	-	1	-	-	1	-	1	1	1	3	3			
Hackney WwHHH - - E.L. & N.R.	79911	63	23	8	8	-	-	-	1	2	-	-	-	-	-	-	2	12			
South Hackney - - E.L.	39833	25	7	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
Central Districts.																					
St. George Bloomsbury - - N.R.	16681	9	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-			
St. Giles South WH - - N.R.	14864	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
St. Giles North - - N.R.	13837	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.	17399	6	6	1	2	-	-	-	-	-	-	-	-	-	-	-	3	-			
St. Mary-le-Strand H - - N.R.	7515	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - - N.R.	8559	2	2	1	-	-	1	-	-	-	-	-	-	-	-	-	3	3			
Strand Union Workhouse, Edmonton w.	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-			
St. Geo.-the-Martyr HHHHHH N.R.	18671	8	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew Eastern W - - N.R.	10706	5	2	-	-	-	-	-	-	-	-	-	-	-	1	1	6	-			
Saffron Hill H - - N.R.	6533	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell - - N.R.	17516	8	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Amwell Clerkenwell - - N.R.	19281	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Pentonville - - N.R.	14773	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Goswell-street - - N.R.	17506	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Old-street H - - N.R.	11541	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - - N.R.	18628	21	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
Whitecross-street - - N.R.	9217	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Finsbury - - N.R.	7463	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Holborn Union Workhouse, Mitcham. w.	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	1	2	-			
St. Botolph H - - N.E. & E.L.	11174	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cripplegate - - N.R.	7193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - - N.R.	5858	2	10	-	-	-	-	-	2	-	-	-	-	-	1	1	9	-			
St. Bride W - - N.R.	8396	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Albion Barking - - N.R.	13666	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Broad Street H - - N.R.	4632	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts;—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 15th June, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of													Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																				
Holywell Shoreditch	N.R. & E.L.	7376	3	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Leonard Shoreditch	HL*	14967	12	8	-	22	-	-	-	-	-	-	-	-	-	-	5	-		
Hoxton New Town	-	29937	14	10	-	7	-	-	-	-	-	-	-	-	-	1	6	-		
Hoxton Old Town	-	28086	23	13	5	3	-	-	-	-	-	-	-	-	-	1	2	-		
Haggerston WH	N.R. & E.L.	46275	31	25	6	5	-	-	-	1	1	-	-	-	-	-	4	-		
Hackney-road H	-	29738	14	9	3	1	-	-	-	-	-	-	-	-	-	-	2	-		
Green, Bethnal Green	WHL*	47932	36	28	2	12	-	-	-	-	-	-	-	-	-	2	12	-		
Church, Bethnal Green	-	29981	14	8	7	1	-	-	-	-	-	-	-	-	-	1	-	-		
Town, Bethnal Green	-	19810	17	8	2	1	-	-	-	-	-	-	-	-	-	1	-	-		
Spitalfields	-	22585	14	6	2	-	-	2	-	-	-	-	-	-	-	-	-	-		
Mile End New Town	W	15478	16	6	-	12	-	1	-	-	-	-	-	-	-	1	3	-		
Whitechapel Church	H	17490	9	15	2	-	-	-	1	1	-	-	-	-	-	2	12	-		
Goodman's Fields	-	9713	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
Aldgate	-	6102	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
St. George's, North	-	38747	29	11	5	2	-	-	-	-	-	-	1	1	3	-	-	-		
St. John, St. George East	W	8410	4	12	3	6	-	-	-	-	-	-	4	-	1	6	-	-		
Shadwell HH	-	10985	4	5	1	-	-	-	-	-	-	-	-	-	1	2	2	-		
Ratcliff	-	16107	7	5	2	1	-	-	1	-	-	-	-	-	1	-	-	-		
Limhouse	-	52041	19	8	2	-	-	-	3	1	1	-	-	-	1	3	-	-		
Mile End Old Town West	-	37960	13	6	-	2	-	-	-	-	-	-	-	-	-	1	-	-		
Mile End Old Town East	W & H - E.L.	67633	42	22	4	7	-	-	1	-	-	-	1	-	-	1	3	-		
Bow L	-	37074	57	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
Bromley w & H	-	64359	28	29	8	12	-	-	-	-	-	-	-	-	1	4	12	-		
Poplar W & H	-	55077	13	13	5	2	-	-	-	-	-	-	-	-	3	1	-	-		
SOUTH DISTRICTS.																				
Christchurch Southwark	WH	L. & S.	13669	17	3	-	3	-	-	-	-	-	-	-	-	1	1	-		
St. Saviour Southwark	-	S.	14999	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cent-road	-	S. & L.	21281	10	5	-	3	-	-	-	-	-	-	-	-	1	-	-		
Borough-road WH	-	S. & L.	15958	20	8	5	-	-	-	-	-	-	1	-	-	-	2	-		
London-road HL	-	L. & S.	21318	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Trinity Newington	-	S. & L.	26672	21	6	4	2	-	-	-	-	-	-	-	1	1	-	-		
St. Peter Walworth W	-	S. & L.	59555	38	22	5	7	-	-	1	1	-	-	-	-	-	6	-		
St. Mary Newington	-	L. & S.	21623	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Olave WH	-	S.	11956	14	26	6	5	-	-	1	-	-	1	-	3	4	15	1		
Leather Market	-	S. & L.	16200	15	8	3	-	-	1	-	-	-	-	-	-	-	1	-		
St. Mary Magdalen W	-	S.	16689	13	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Bermondsey	-	S.	44682	26	11	3	2	-	-	2	-	-	-	-	-	-	-	-		
Rotherhithe WH	-	S. & K.	36024	21	11	3	2	-	-	3	-	-	-	-	-	-	5	-		
Waterloo-road 1st H	-	L. & S.	15195	11	5	1	-	-	-	-	-	1	-	-	-	-	1	2		
Waterloo-road 2nd H	-	L. & S.	16331	19	6	3	1	-	-	-	-	-	-	-	-	-	-	-		
Lambeth Church 1st H	-	L. & S.	19876	8	14	2	-	-	-	1	-	-	-	-	3	3	10	-		
Lambeth Church 2nd W & H	-	L. & S.	38959	24	15	2	5	-	1	-	-	-	-	-	-	-	5	-		
Kennington 1st	-	S. & L.	43238	28	11	4	2	-	-	1	-	1	1	-	-	-	-	-		
Kennington 2nd	-	S. & L.	35832	27	11	3	3	-	-	-	-	-	-	-	1	1	-	-		
Brixton w & H	-	L. & S.	62837	35	10	1	2	-	-	1	-	-	-	-	-	-	-	-		
Norwood W	-	L.	19017	13	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
East Battersea	-	S.	54675	61	19	8	2	-	-	-	-	-	-	-	2	1	7	-		
West Battersea W & H	-	S.	52587	62	25	5	5	-	2	-	-	-	-	-	-	-	-	-		
Clapham H	-	S.	36580	17	11	4	-	-	-	-	-	-	-	-	-	1	2	3		
Wandsworth WHL	-	S.	28004	31	8	2	1	-	-	1	1	-	-	-	-	-	-	-		
Putney	-	S.	18235	7	6	1	-	-	-	-	1	-	-	-	-	-	-	-		
Streatham	-	L.	25533	20	3	1	1	-	-	-	-	-	-	-	1	1	-	-		
Dulwich	-	L. & S.	5590	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camberwell W & L*	-	S. & L.	49104	47	25	1	13	-	1	-	2	-	-	-	1	1	9	-		
Peckham W	-	S. & K.	71089	55	25	4	6	-	1	1	1	-	1	-	4	5	-	-		
St. George Camberwell	-	L. & S.	60810	47	16	6	3	-	1	1	1	-	-	-	-	1	-	-		
St. Paul Deptford w & H	-	K.	76752	64	24	8	3	-	1	2	-	-	1	-	-	1	2	-		
St. Nicholas Deptford	-	K.	7901	3	4	1	1	-	1	-	-	-	-	-	-	-	-	-		
Greenwich West H	-	K.	21972	10	7	3	1	-	1	-	-	-	-	-	-	-	5	-		
Greenwich East WHH	-	K.	24603	19	8	1	2	-	1	-	-	-	1	-	-	-	-	-		
Eltham H	-	K.	5043	4	1	-	-	-	-	-	-	-	-	-	-	1	1	1		
Lee H	-	K.	21559	12	1	-	1	-	-	-	-	-	-	-	-	-	2	-		
Lewisham WH	-	K.	19865	15	8	1	3	-	2	-	-	-	-	-	-	-	-	-		
Sydenham H	-	L.	26076	16	9	-	2	-	-	-	1	-	-	-	-	-	-	-		
Charlton H	-	K.	10930	6	6	-	3	-	-	-	-	-	-	-	-	-	1	-		
Woolwich Dockyard	-	K.	17617	14	3	1	2	-	-	-	-	-	-	-	-	-	-	-		
Woolwich Arsenal	HH	K.	19148	16	5	2	2	-	-	-	-	-	-	-	-	-	-	-		
Plumstead, West H	-	K.	14009	6	3	-	1	-	-	-	-	1	-	-	-	1	4	-		
Plumstead, East W	-	K.	19241	24	17	4	6	-	-	1	-	-	-	-	-	-	-	-		
Metropolitan Asylum Hospitals:																				
Dartford w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Winchmore Hill w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plaistow w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse " Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-district.
London City " " Mile End Old Town Eastern sub-district.
London City " " " and Bromley sub-district.
Stepney Workhouse in Bromley sub-district.
Fenian & Stepney Sick Asylum " " Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA ; POPULATION : BIRTHS and DEATHS registered during Week ending Saturday, 15th June, 1889.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, including Tidal Water and Fore-shore.	Enu-merated Popu-lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unnatural Causes.
LONDON—OUTER RING		370,924	950,957	689	304	82	82	-	6	1	7	7	2	8	12	18	34	-
80:1	Carshalton <i>wL</i> -	12228	21118	8	3	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	10	3	-	2	-	-	-	-	-	-	-	-	-	-	2
37:1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHHL</i> -	20651	101241	53	32	8	7	-	-	-	1	1	-	-	-	2	7	-
2	Mitcham <i>w†</i> -	11697	17932	19	3	2	-	-	-	-	-	1	-	-	-	-	-	-
39:1	Wimbledon <i>HHH</i> -	3220	15950	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WHH</i> -	8549	36354	12	8	3	2	-	-	-	-	-	1	-	1	1	2	-
3	Esher (part of)* -	6601	9221	2	3	-	1	-	-	-	-	-	-	-	1	1	-	-
4	Hampton <i>H</i> -	4573	13539	11	3	2	1	-	-	-	-	-	-	-	-	-	-	-
40:1	Richmond <i>WH</i> -	2972	21302	6	8	-	5	-	1	-	-	-	-	-	-	-	-	-
2	Mortlake -	2941	12331	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41:1	Bromley (pt. of)* <i>HH</i>	16669	31142	19	10	1	3	-	-	-	-	-	-	-	-	-	-	-
2	Chislehurst (pt. of)* <i>WHH</i>	14807	15844	8	3	1	1	-	-	-	-	-	-	1	-	-	2	-
42:1	Bexley <i>H</i> -	18487	24134	12	4	-	4	-	-	-	-	-	-	-	-	-	-	-
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-
124:1	Sunbury <i>w</i> -	11055	11685	6	5	2	1	-	-	-	-	-	-	-	-	1	-	-
2	Staines <i>W</i> -	13277	12089	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125:1	Hillingdon <i>WHH</i> -	6029	10802	9	2	-	1	-	-	-	-	-	-	-	-	-	1	-
2	Uxbridge -	6173	5225	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i> -	14087	11523	8	4	1	2	-	-	-	-	1	-	-	-	-	3	-
126:1	Isleworth <i>WHH</i> -	7008	22727	11	7	-	3	-	-	-	-	-	-	-	1	1	1	-
2	Twickenham <i>H</i> -	2477	12479	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> -	4345	27349	11	8	1	4	-	-	-	-	-	-	-	1	1	-	-
4	Chiswick -	1340	15975	13	6	2	3	-	-	-	-	-	-	1	-	-	-	-
5	Acton <i>wH</i> -	6083	22876	11	13	3	6	-	2	-	-	-	-	1	-	-	-	-
127:1	Harrow <i>H</i> -	13809	13796	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> -	6994	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	49	7	2	5	-	-	-	-	-	-	-	-	1	-	-
4	Hendon <i>W</i> -	8382	10494	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-
128:1	Bushy -	9331	6631	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	South Mimms -	15590	6391	7	2	1	-	-	-	-	-	-	-	-	1	1	-	-
2	Barnet -	5433	10092	3	4	1	-	-	-	-	-	-	-	-	-	1	1	-
3	Finchley <i>HL</i> -	4638	17615	10	14	1	5	-	-	-	-	1	-	-	-	1	1	6
135:1	Hatfield (part of)* -	3306	683	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i> -	3039	37078	20	9	2	4	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> -	4642	46456	51	26	7	3	-	-	-	2	-	1	1	2	3	1	1
3	Edmonton <i>Ww†</i> -	7453	23463	14	12	2	4	-	-	-	-	-	-	-	2	2	3	-
4	Enfield <i>WH</i> -	19653	19104	15	8	5	2	-	1	-	-	-	-	-	-	-	-	-
5	Waltham Abbey -	11017	5863	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Chesham -	8480	7735	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford -	882	38606	35	9	3	2	-	-	-	-	-	-	-	-	-	-	-
2	West Ham <i>wowwH†</i> -	7351	101053	95	36	12	5	-	1	1	2	2	-	-	-	-	-	1
3	Leyton <i>WwL</i> -	4372	32430	41	10	4	3	-	1	-	-	-	-	1	1	1	2	-
4	Walthamstow <i>II</i> -	6590	23869	44	16	7	4	-	-	-	1	-	-	-	-	-	-	-
137:1	Chigwell (part of)* <i>H</i>	11761	9639	9	-	-	-	-	-	-	-	-	-	-	1	1	-	-
2	Epping (<i>W</i> , pt. of)* -	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
139:1	Romford (part of)* <i>W</i>	6730	3411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7845	6	4	1	-	-	-	-	-	1	1	-	-	-	-	-
3	Barking Town -	4127	9203	10	3	3	-	-	-	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warringham and Farley in Godstone sub-district: 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 247); 135:1, the parish of Norton in Hatfield; also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 15th June, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
WATER LONDON	448,334	5,642,015	14·3	1·7	1551	375	365	-	38	12	33	44	12	42	60	324	
INNER LONDON	77,410	4,351,738	15·0	1·8	1247	293	283	-	32	11	26	37	10	34	48	290	
OUTER RING	370,924	1,290,277	12·3	1·3	304	82	82	-	6	1	7	7	2	8	12	34	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,612,869 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN.	Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	April	20	-	187	22·5	6	2	-	-	-	50	27†	
BOMBAY	773,196	May	21	281	486	27·8	12	25	?	?	?	174	42†	
MADRAS	398,777	April	12	305	344	44·7	3	69	?	?	?	80	33	
PARIS	2,260,945	June	8	1223	1015	23·4	-	29	7	26*	8	17	76	
BRUSSELS (with 8 Faubourgs.)	471,606	"	8	256	178	19·6	-	4	-	1	1	3	19	
AMSTERDAM	403,083	"	8	290	229	29·8	-	6	-	3	3	-	-	
ROTTERDAM	197,723	"	8	159	96	25·1	-	12	-	1	1	-	1	
THE HAGUE	165,440	"	8	93	53	17·9	-	-	-	-	3	-	-	
COPENHAGEN	307,000	"	1	217	148	25·2	-	-	1	4	2	-	13	
STOCKHOLM	228,218	"	1	123	70	15·9	-	-	1	2*	-	-	7	
CHRISTIANIA	138,300	"	8	67	43	16·2	-	-	-	9	1	-	4	
ST. PETERSBURG	842,883	"	1	-	513	31·8	1	3	10	5	8	21	64	
BERLIN	1,470,582	May	25	860	587	20·5	-	3	3	17	11	2	88	
HAMBURG (State)	575,276	June	1	436	253	22·9	-	-	-	4*	7	2	14	
DRESDEN	264,196	"	1	143	102	20·1	?	-	-	1*	?	?	9	
BRESLAU	315,000	"	8	251	257	42·8	-	5	-	4*	2	1	58	
MUNICH	281,000	"	1	200	196	35·8	?	8	3	8*	?	1	37	
VIENNA	811,434	"	1	592	435	27·9	-	15	3	4	3	3	64	
PRAGUE	304,356	"	1	-	172	25·2	9	-	2	6	2	2	4	
BUDA-PESTH	452,907	"	1	340	282	32·4	-	-	-	6	1	-	37	
TRIESTE	158,084	"	1	-	62	20·4	-	-	-	1*	-	-	2	
ROME	461,044	April	27	250	193	25·0	4	6	-	8	1	7†	9	
TURIN (10 days)	306,398	May	10	220	205	24·4	1	6	1	2	2	-	11	
VENICE	153,375	June	1	85	82	24·4	5	1	-	-	1	-	6	
CAIRO	374,338	May	23	328	380	52·9	14	11	-	1*	6	25	117	
ALEXANDRIA	231,396	"	23	149	224	38·9	3	1	-	4*	-	7	65	
NEW YORK	1,549,500	"	25	-	634	23·0	-	5	33	52	11	4	14	
BROOKLYN	814,505	"	25	-	300	19·1	-	3	6	23	9	2	5	
PHILADELPHIA	1,040,245	"	25	-	339	17·0	-	5	5	2	3	15	11	
BALTIMORE	500,343	"	25	-	123	12·8	-	-	-	3	-	5	1	

* Including deaths from croup.

† Including 14 deaths from cholera in Calcutta, and 4 in Bombay.

‡ Including 4 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the *Week* ending Saturday, 15th JUNE, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose surface is 5 inches above the level of Ground.
MONTH AND DAY.	Baro-Meter.		Of the Air.		De-parture daily Average of 10 years.	Of the Dew Point.		Difference between the Air Temperature and Dew Point.		Degree of saturation (Satu-ration 100).	Of Radiation.	Of the Water of the Thames at Deptford.		Oster's.		Robinson's.			
			High. est.	Low. est.		Daily Range, value.	Mean daily value.	Great. est.	Least.			High. est. in Ray's.	Lowest in Grass.	General Direction.	Pressure on the Square Foot.	Horizontal Movement of the Air on each Day.	Departure from Average of 10 years.		
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	lbs.	lbs.	Miles.	in.		
SUN.	9	..	29.489	59.0	53.0	6.0	54.4	3.0	6.6	1.0	89	83.9	50.7	..	..	20.4	0.0
MON.	10	..	29.547	53.0	48.8	4.2	49.7	0.8	2.4	0.6	97	72.8	47.7	..	..	517	1.37
TUES.	11	..	29.607	63.6	49.0	14.6	54.7	0.8	8.5	0.0	97	117.4	49.0	..	..	174	0.03
WED.	12	..	29.775	66.3	51.0	12.3	58.4	4.4	11.5	0.0	95	93.0	51.5	..	..	71	0.00
THURS.	13	Full Perigee.	29.756	73.1	53.5	19.6	62.6	8.5	14.2	0.0	74	117.2	49.0	..	..	81	0.00
FRI.	14	Greatest Dec. S.	29.803	66.6	50.5	16.1	58.6	5.5	10.6	0.2	82	111.0	45.6	..	..	133	0.00
SAT.	15	..	29.801	66.3	53.3	13.0	59.2	3.2	9.2	0.2	89	101.0	49.0	..	..	84	0.33
MEANS	..	..	29.635	64.0	51.7	12.3	56.8	3.7	9.0	0.2	89	99.5	48.9	..	..	Sum 1354	Sum 1.73
No. of Col.	..	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
DATE.		ELECTRICITY.		Registered Sun above Sunshine, in hours.		GENERAL REMARKS.													
JUNE.		(For explanation of symbols, see Note.)		in hours.															
SUNDAY	9			0.0	16.4	Overcast throughout; a little fine rain in evening.													
MONDAY	10			0.0	16.5	Overcast throughout, with continuous rain. Windy till afternoon.													
TUESDAY	11			0.2	16.5	Generally overcast; a little rain in morning and at night.													
WEDNESDAY	12	The electrometer was not in action throughout the week.		0.4	16.5	Generally overcast; gloomy and foggy in morning.													
THURSDAY	13			2.1	16.5	Partially cloudy; fine. Misty.													
FRIDAY	14			0.6	16.5	Cloudy till evening; fine afterwards. Distant thunder about 11h. A.M.													
SATURDAY	15			0.0	16.5	Variable in early morning; generally overcast afterwards. Heavy rain at night.													
MEANS	..			Sum 3.3	Sum 115.4	Sum 115.4													
No. of Col.	..			29	30														

The height of the cistern of the barometer is 159 feet above the mean level of the sea, no observation has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.56 in. at the beginning of the week to 29.46 in. by 8h. P.M. on the 9th; increased to 29.79 by 9h. P.M. on the 12th; decreased to 29.74 in. by 3h. P.M. on the 13th; and increased to 29.86 in. by the end of the week.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, F. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.95 in. at the beginning of the week to 29.46 in. by 3h. P.M. on the 15th; increased to 29.79 by 3h. P.M. on the 16th; decreased to 29.74 in. by 3h. P.M. on the 18th; and increased to 29.86 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
24th June, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 1.	June 8.	June 15.	June 22.		June 1.	June 8.	June 15.	June 22.
Birkenhead	15·3	18·8	12·7	12·2	Liverpool -	18·3	18·1	18·2	16·9
Birmingham	16·9	13·4	13·5	16·6	London -	13·8	15·7	15·0	14·9
Blackburn -	17·6	22·8	20·7	15·5	Manchester -	25·1	30·2	26·3	27·1
Bolton -	21·4	17·3	15·9	22·3	Newcastle-on-Tyne*	25·3	22·7	20·4	23·0
Bradford*	12·7	16·9	16·4	15·8	Norwich -	17·1	13·8	13·3	16·6
Brighton -	13·7	18·0	11·1	9·9	Nottingham -	16·0	17·8	12·7	11·2
Bristol -	13·6	13·0	16·4	14·8	Oldham -	18·7	20·2	17·6	13·9
Cardiff*	17·6	14·8	17·6	18·1	Plymouth -	29·4	26·0	20·0	20·7
Derby -	14·8	21·7	14·3	10·6	Portsmouth -	18·1	15·1	14·4	14·0
Halifax -	25·7	27·0	20·6	25·1	Preston -	38·6	36·1	33·0	26·0
Huddersfield	18·0	19·7	19·1	15·7	Salford* -	17·4	21·6	15·1	20·3
Hull -	20·6	22·1	19·6	25·3	Sheffield -	18·2	19·5	17·9	17·7
Leeds -	18·5	18·2	18·7	21·9	Sunderland -	18·7	21·4	21·0	18·3
Leicester*	14·9	10·1	16·6	15·6	Wolverhampton -	15·2	25·3	23·4	15·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton, 1·9 in Manchester, 2·2 in Leeds and in Huddersfield, 3·9 in Halifax, 4·0 in Hull, and 6·0 in Preston; from *scarlet fever*, 1·3 in Blackburn, and 3·3 in Plymouth; and from *whooping-cough*, 1·1 in Portsmouth, 1·3 in Bradford and in Wolverhampton, and 2·0 in Preston. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 34 deaths from *diphtheria* in the twenty-eight towns included 27 in London, and 2 in Newcastle-upon-Tyne. *Small-pox* caused one death in Manchester, but not one in any of the twenty-seven other great towns.

LONDON.

In LONDON 2636 BIRTHS and 1243 DEATHS were registered. Allowing for increase of population, the births were 64, and the deaths 181, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7 and 15·0 in the preceding two weeks, further declined last week to 14·9. During the first twelve weeks of the current quarter the death-rate averaged 16·1 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1243 deaths included 23 from measles, 17 from scarlet fever, 27 from diphtheria, 27 from whooping-cough, 7 from enteric fever, 40 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 141 deaths were referred to these diseases, being 94 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 20; no small-pox patient was under treatment in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 39 and 32 in the two preceding weeks, further declined last week to 23, and were 49 below the corrected average; 3 belonged to Islington and 3 to Newington sanitary areas. The fatal cases of *scarlet fever* rose, however, from 4, 12, and 11 in the three previous weeks to 17, but were 11 below the corrected average; 2 belonged to Kensington and 4 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 559 scarlet fever patients, against 570 and 572 on the two preceding Saturdays; 44 cases were admitted to these hospitals during the week, against numbers declining from 57 to 33 in the four previous weeks. The deaths from *diphtheria*, which had been 34 and 26 in the preceding two weeks, were last week 27, and exceeded the corrected average by 12; 2 belonged to Kensington, 3 to Chelsea, 2 to Bethnal Green, 6 to Stepney, 2 to Mile End Old Town, 3 to Lambeth, and 2 to Greenwich sanitary areas. The 27 fatal cases of *whooping-cough* showed a decline of 10 from the number in the previous week, and were 24 below the corrected average; 4 belonged to Pancras, 3 to Clerkenwell, and 4 to Poplar sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the four preceding weeks from 13 to 34, further rose last week to 40, and exceeded the corrected average by 4; 38 were of children aged under 5 years of age, including 30 of infants under the age of one year.

The deaths from *enteric fever*, which had numbered 9, 3, and 8 in the three preceding weeks, were last week 7, and 4 below the corrected average. The Metropolitan Asylum Hospitals contained 18 cases of enteric fever, and not one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 5 and 3 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 205 and 169 in the two previous weeks, were last week 171, and 47 below the corrected average.

Different forms of violence caused 53 deaths; 41 were the result of negligence or accident, among which were 13 from fractures and contusions, 6 from drowning, and 12 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—1 by accident on railway; 1 by fall from scaffold; 1 by fall from window; 3 by fall from bed; 1 by fall down stairs during intoxication; 1 by fall over form; 1 by injuries from fall of printing-machine; 1 by injuries from fall of seat; 2 by fall, the nature of which was not stated; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 13 cases. Nine cases of suicide were registered, being one below the corrected average.

GREATER LONDON.

In Greater London 3563 births and 1530 deaths were registered, corresponding to annual rates of 33·0 and 14·2 per 1000 of the estimated population. In the Outer Ring 7 deaths from whooping-cough and 6 from diarrhœa were registered. The fatal cases of whooping-cough included 2 in Croydon, 2 in Bromley, and 2 in West Ham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·94 ins.; the highest reading was 30·06 ins. on Tuesday morning, and the lowest 29·86 ins. at the beginning of the week, on Thursday afternoon, and on Saturday afternoon. The mean temperature of the *air* was 59·6, and 0·6 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Monday, Tuesday, and Wednesday, but showed an excess on each of the other days of the week. The general direction of the *wind* was N.E. and E.N.E., and the horizontal movement of the air averaged 8·5 miles per hour, which was 1·5 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 65·3 hours, against 68·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 22nd June, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the year 1889.		Registered during the Week ending 22nd June, 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGHES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1.	2.	3.	4.	5.	Deaths from								Inquest Cases.	Deaths in Public Institutions.	Causes of Death.	Annual Rate per 1000, corresponding to the Week's Deaths				In Inches.		In Centi- metres.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-FIFTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88,*	1889
TOTAL Births	2483	2492	2504	2398	2513	2615	2419	2617	2182	2534	2699·7	2636
Males . .	1281	1285	1264	1267	1317	1307	1255	1321	1078	1277	1379·7	1353
Females .	1202	1207	1240	1131	1196	1308	1164	1296	1104	1257	1320·0	1283
TOTAL Deaths	1316	1273	1399	1387	1333	1371	1279	1222	1287	1190	1423·8	1243
Males . .	685	687	742	750	681	716	681	657	657	609	748·6	659
Females .	631	586	657	637	652	655	598	565	630	581	675·2	584

The numbers in this column are the average weekly numbers in the twenty-fifth weeks of the ten years 1879-88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	
TOTAL Births	- -	2808	2676	2509	2488	2522	2712	2565	2648	2402	2405	2523	2396	2636	
TOTAL Deaths	- -	1476	1572	1493	1426	1462	1386	1295	1231	1267	1151	1306	1247	1243	
Ages at	{ 0-20 years	-	642	729	671	670	708	626	577	571	608	506	601	564	575
	{ 20-40 "	-	200	175	183	174	171	184	175	169	152	143	186	173	180
	{ 40-60 "	-	274	287	266	214	256	266	251	205	221	209	245	227	218
	{ 60-80 "	-	287	305	310	299	264	258	245	232	224	237	234	236	225
Death	{ at 80 years & upwds.	-	73	76	63	69	63	52	47	54	62	51	40	47	45
"	{ Under 1 year	-	316	368	322	299	361	309	287	267	301	242	306	293	281
	{ 1-5	-	242	261	251	279	273	246	218	225	222	181	205	184	203
	{ 5-20	-	84	100	98	92	74	71	72	79	85	83	90	87	91
Deaths from Small-pox		-	-	-	-	-	-	-	-	-	-	-	-	-	
"	" Measles	-	56	74	72	70	65	68	60	53	47	31	39	32	23
"	" Scarlet fever	-	11	15	13	10	9	15	10	7	16	4	12	11	17
"	" Diphtheria	-	18	26	36	22	29	21	23	24	21	16	34	26	27
"	" Whooping-cough	-	51	49	43	51	56	55	37	36	48	49	26	37	27
"	" Typhus	-	-	-	1	-	-	-	-	-	-	-	-	-	-
"	" Enteric fever	-	8	9	10	6	3	5	5	7	5	9	3	8	7
"	" Simple Cont ^d fever	-	-	-	1	-	1	2	4	1	1	-	4	2	-
"	" Diarrhoea and	-	9	17	11	10	18	12	10	14	13	14	19	34	40
"	" Dysentery	-	-	-	-	-	-	-	-	-	1	-	1	-	-
"	" Cholera	-	-	-	-	-	-	-	-	-	1	-	1	-	-
"	" all the above-mentioned Diseases	-	153	190	187	169	181	178	149	142	152	123	138	150	141
"	" Dis. of Respiratory System	-	332	364	294	300	305	242	213	217	177	162	205	169	171
"	" Phthisis	-	153	170	152	128	164	143	125	137	148	144	174	162	155
"	" Dis. of Circulatory System	-	153	146	135	98	119	154	134	97	98	101	97	106	123
Violent Deaths		-	52	69	68	57	69	55	66	51	48	55	58	48	53
Inquest Cases		-	125	180	130	111	116	107	125	85	89	104	91	109	105
Deaths in Public Institutions		-	354	340	325	315	331	315	310	311	342	290	323	290	324
TEMPERATURE OF THE AIR															
Mean		-	45·6	43·5	43·5	46·5	47·5	50·8	57·7	54·0	61·9	55·7	64·3	56·8	59·6
Mean of Highest readings		-	54·6	51·8	50·4	55·3	57·8	61·9	67·9	64·5	75·1	64·9	77·2	64·0	72·4
Mean of Lowest readings		-	38·6	37·4	38·6	39·8	39·1	41·5	49·1	46·7	50·8	48·0	53·4	51·7	49·7
Humidity of the Air		-	81	78	90	84	80	79	77	85	77	82	73	89	76
Rain-fall in inches		-	0·11	0·27	0·56	0·10	0·75	0·79	0·71	0·19	0·51	1·33	0·31	1·73	0·00
Registered Sunshine (in hours)		-	14·3	21·3	8·6	12·5	31·3	39·8	37·5	27·7	49·1	47·2	50·1	3·3	65·3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1899.

CAUSES OF DEATH.	Corrected Averages for the 25th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 22nd June 1899.										CAUSES OF DEATH.	Corrected Averages for the 25th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 22nd June 1899.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.			80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.			80 Years and upwards.
			0-1.	1-5.	5-20.			0-1.	1-5.	5-20.					0-1.	1-5.	5-20.						
ALL CAUSES - -	1423.8	1243	281	203	91	180	218	225	45		Diseases of Organs of Special Sense † - -	2.1	4	1	-	1	2	-	-	-			
Small-pox { Vaccinated† - - - - - Unvaccinated - - - - - No Statement - - - - -	19.5	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - - - -	95.7	123	2	1	14	23	34	38	11			
Measles - - - - -	71.8	23	7	15	1	-	-	-	-		Croup - - - - -	10.3	6	1	5	-	-	-	-	-			
Scarlet Fever - - - - -	27.7	17	-	12	4	1	-	-	-		Bronchitis - - - - -	108.5	83	31	17	9	3	12	16	2			
Typhus - - - - -	0.8	-	-	-	-	-	-	-	-		Pneumonia - - - - -	70.0	58	11	15	1	11	10	9	1			
Relapsing Fever† - - - - -	0.0	-	-	-	-	-	-	-	-		Pleurisy - - - - -	4.8	6	-	2	-	2	2	-	-			
Influenza - - - - -	0.1	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - - -	23.9	18	5	5	1	4	1	2	-			
Whooping-cough - - - - -	80.8	27	12	15	-	-	-	-	-		Dentition † - - - - -	11.4	11	5	6	-	-	-	-	-			
Diphtheria - - - - -	15.0	27	3	19	5	-	-	-	-		Quinsy, Sore Throat † -	1.3	1	-	1	-	-	-	-	-			
Simple Continued and Ill-defined Fever - - -	1.0	-	-	-	-	-	-	-	-		Enteritis - - - - -	9.5	10	3	1	2	1	2	1	-			
Enteric Fever - - - - -	10.8	7	-	1	2	4	-	-	-		Peritonitis - - - - -	6.5	6	-	-	2	-	-	-	-			
Cholera - - - - -	1.5	-	-	-	-	-	-	-	-		Diseases of Liver - - -	27.9	28	2	-	1	2	15	8	-			
Diarrhoea, Dysentery - - -	34.4	40	30	8	-	1	-	-	1		Other Diseases of Digestive System - - -	27.2	28	4	5	1	1	4	12	1			
Remittent Fever† - - - - -	0.2	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - - - - -	2.9	6	-	-	1	2	-	3	-			
Hydrophobia - - - - -	0.1	-	-	-	-	-	-	-	-		Diseases of Urinary System - - - - -	35.3	37	-	1	2	4	15	13	2			
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-		Diseases of Generative System - - - - -	7.1	2	-	-	-	2	-	-	-			
Cowpox and Effects of Vaccination † - - -	0.3	1	1	-	-	-	-	-	-		Accidents of Childbirth - -	5.0	3	-	-	-	3	-	-	-			
Venerical Affections - - -	10.0	8	5	-	-	-	1	2	-		Diseases of Locomotive System † - - - - -	7.0	6	1	-	2	1	3	-	-			
Erysipelas - - - - -	4.1	3	1	-	-	-	-	2	-		Diseases of Integumentary System - - -	6.0	3	1	-	-	-	1	1	-			
Pyæmia and Septicæmia †	2.7	3	-	-	-	2	1	-	-		VIOLENT DEATHS.}												
Puerperal Fever - - - - -	5.8	6	-	-	-	6	-	-	-		(ACCIDENT.)												
Other Zymotic Diseases †	2.3	3	-	1	1	1	1	1	-		Fracture and Contusion - -	20.2	13	1	3	-	2	4	3	-			
Thrush - - - - -	2.1	4	3	1	-	-	-	-	-		Gunshot Wound - - - - -	0.1	-	-	-	-	-	-	-	-			
Worms and other Parasitical Diseases - - -	0.3	-	-	-	-	-	-	-	-		Cut, Stab - - - - -	0.2	1	-	-	1	-	-	-	-			
Starvation, Want of Breast-milk † - - -	1.4	2	1	-	-	1	-	-	-		Burn and Scald - - - - -	2.9	1	-	1	-	-	-	-	-			
Alcoholism - - - - -	5.2	9	-	-	-	2	6	1	-		Poison - - - - -	1.6	1	-	-	-	-	-	-	-			
Rheumatic Fever, Rheumatism of Heart†	5.8	5	-	-	3	1	1	-	-		Drowning - - - - -	7.9	6	-	-	2	1	3	-	-			
Rheumatism † - - - - -	1.8	3	-	-	-	-	-	3	-		Suffocation - - - - -	9.6	16	12	3	-	-	1	-	-			
Gout - - - - -	2.9	3	-	-	-	-	-	2	1		Otherwise - - - - -	3.2	3	-	-	-	1	2	-	-			
Rickets † - - - - -	3.7	4	-	4	-	-	-	-	-		(HOMICIDE.)												
Cancer - - - - -	51.0	51	-	-	-	5	15	29	2		Murder & Manslaughter - -	1.5	3	2	-	1	-	-	-	-			
Tabes Mesenterica - - - -	27.8	33	13	6	2	2	-	-	-		(SUICIDE.)												
Tubercular Meningitis - -	32.9	34	5	17	11	1	-	-	-		Gunshot Wound - - - - -	1.1	-	-	-	-	-	-	-	1			
Phthisis - - - - -	159.3	155	2	3	21	69	47	13	-		Cut, Stab - - - - -	2.2	1	-	-	-	-	-	-	-			
Scrofula, Tuberculosis - -	14.6	20	5	8	1	4	1	1	-		Poison - - - - -	2.4	3	-	-	-	1	2	-	-			
Other Constitutional Diseases † - - -	10.5	8	1	-	-	1	4	2	-		Drowning - - - - -	1.2	-	-	-	-	-	-	-	-			
Premature Birth - - - - -	89.1	86	36	-	-	-	-	-	-		Hanging - - - - -	1.6	2	-	-	-	-	1	1	-			
Atelectasis † - - - - -	2.1	4	4	-	-	-	-	-	-		Otherwise - - - - -	1.0	3	-	-	-	-	3	-	-			
Congenital Malformations - - -	5.5	6	6	-	-	-	-	-	-		(EXECUTION.)												
Old Age - - - - -	42.0	43	-	-	-	-	-	25	18		Hanging - - - - -	0.0	-	-	-	-	-	-	-	-			
Apoplexy - - - - -	40.1	37	-	-	-	3	11	21	2		OTHER CAUSES † - -	50.1	23	50	2	-	1	-	-	-			
Epilepsy - - - - -	9.3	8	-	1	1	2	3	1	-														
Convulsions - - - - -	43.7	36	26	10	-	-	-	-	-														
Other Diseases of Brain and Nervous System †	86.6	62	8	14	6	9	9	12	4														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.	Uncounted Causes of Death.
					Deaths of		Deaths from														
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhea.	Violence.					
LONDON		3,815,704	2636	1243	281	270	-	23	17	27	27	-	7	-	40	53	105	324	17		
WEST DISTRICTS		693,693	877	420	38	59	-	1	4	4	3	-	-	-	3	8	18	75	3		
NORTH DISTRICTS		905,947	577	379	60	72	-	6	2	4	6	-	2	-	5	10	24	70	2		
CENTRAL DISTRICTS		282,238	145	88	25	16	-	1	1	1	4	-	-	-	5	6	11	31	1		
EAST DISTRICTS		692,738	512	261	63	47	-	6	1	12	8	-	1	-	12	10	23	69	2		
SOUTH DISTRICTS		1,265,148	1024	392	95	85	-	9	9	6	6	-	4	-	15	19	29	79	9		
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		69838	46	13	3	2	-	-	-	-	-	-	-	-	-	-	1	2	-		
St. John Paddington H - - G.J.		37339	9	13	3	1	-	-	-	-	-	-	-	-	-	1	1	5	-		
Kensington Town WH - - W.M.		120141	79	36	5	13	-	-	-	1	2	-	-	-	-	-	-	14	1		
Brompton H - - W.M. & C.		43010	17	8	-	2	-	-	-	-	-	-	-	-	-	-	1	3	-		
St. Peter Hammersmith - - W.M.		7599	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	43	91	3	9	-	-	-	-	-	-	-	-	1	1	1	-	-		
Fulham WH - - W.M. & C.		42990	66	22	7	2	-	1	2	-	2	-	-	-	1	-	-	6	-		
Chelsea South HHH - - C.		6396	16	12	4	-	-	-	-	-	1	-	-	-	1	-	-	4	-		
Chelsea North-west WHHHHH C.		21925	14	18	-	5	-	-	-	-	-	-	-	-	1	1	3	12	1		
Chelsea North-east - - C.		82907	25	10	2	4	-	-	-	1	-	-	-	-	-	-	-	-	-		
May Fair WW - - G.J.		30533	4	9	1	5	-	-	-	-	-	-	-	-	-	-	1	7	-		
Belgrave WHHH - - C.		89220	22	23	3	3	-	-	-	-	-	-	-	-	-	1	5	10	1		
St. John Westminster HHH - C.		35498	23	5	3	2	-	-	-	-	-	-	-	-	-	2	2	-	-		
St. Margaret Westminster H - C.		24579	10	13	1	1	-	-	-	-	-	-	-	-	-	2	2	9	-		
St. James Westminster WHH N.R. & G.J.		29941	11	11	2	-	-	-	-	-	-	-	-	-	1	-	3	2	1		
St. Anne Soho HHHHHHH - N.R.		16908	7	5	1	1	-	-	-	-	1	-	-	-	-	-	-	1	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		29759	11	14	1	5	-	-	-	-	-	-	-	-	-	-	-	11	-		
Cavendish Square HHHH - W.M.		14891	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Restory Marylebone WH G.J. & W.M.		24809	5	9	-	7	-	-	-	-	-	-	-	-	-	-	1	3	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	25	9	2	1	-	-	-	-	-	-	-	-	-	-	2	2	-		
Christchurch Marylebone HHH - W.M.		23700	17	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - W.M.		33638	21	7	4	1	-	1	-	-	-	-	-	-	-	-	1	-	-		
Hampstead WHWHHHH N.R. & W.M.		45452	23	19	4	6	-	-	1	1	1	-	-	-	-	-	2	3	1		
Regent's Park Paneras H - - W.M.		89115	19	9	1	-	-	1	-	-	1	-	-	-	-	-	-	-	-		
Tottenham-court WHHHH N.R. & W.M.		27229	11	21	4	1	-	-	-	-	1	-	-	-	-	2	2	10	-		
Gray's Inn Lane HHH - - N.R.		30247	16	7	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-		
Somers Town H - - N.R.		84389	15	5	2	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Camden Town WH - - N.R.		17311	14	10	-	6	-	-	-	-	-	-	-	-	-	1	1	7	-		
Kensish Town W - - N.R.		87487	56	24	4	7	-	-	-	-	2	-	-	-	-	1	2	3	-		
Upper Holloway WHWH - - N.R.		67946	59	26	6	7	-	1	1	-	-	-	-	-	-	-	-	12	-		
Islington South-west HH - - N.R.		106976	66	37	6	6	3	-	-	-	-	-	-	-	2	-	-	-	-		
Islington South-east - - N.R.		61835	41	11	2	4	-	-	-	-	-	-	-	-	-	-	6	-	-		
Highbury H - - N.R.		52048	55	11	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-		
Stoke Newington H - - N.R.		22781	18	2	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
Stamford Hill - - E.L.		9277	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - N.R.		87610	38	13	4	5	-	-	-	-	-	-	-	-	1	2	-	-	-		
Hackney WHWHH - - E.L. & N.R.		76911	62	37	6	11	-	-	2	-	-	-	-	-	1	2	2	2	1		
South Hackney - - E.L.		39983	27	8	3	-	-	-	-	-	1	-	-	-	-	-	-	14	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.R.		16691	7	4	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. Giles South WH - - N.R.		14864	18	6	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1		
St. Giles North - - N.R.		13837	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	6	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand H - - N.R.		7515	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
St. Clement Danes H - - N.R.		8559	1	5	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
Strand Union Workhouse, Edmonton W.		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Geo.-the-Martyr HHHHHHH N.R.		18671	8	9	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - - N.R.		10706	3	4	2	1	-	-	-	-	1	-	-	-	-	-	2	2	-		
Saffron Hill H - - N.R.		6533	5	2	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. James Clerkenwell - - N.R.		17516	9	4	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
Amwell Clerkenwell - - N.R.		18281	13	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
Pentonville - - N.R.		14773	11	4	3	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
Goswell-street - - N.R.		17505	11	4	1	-	-	-	-	1	-	-	-	-	1	-	1	-	-		
Old-street H - - N.R.		11541	10	2	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-		
City-road HHL - - N.R.		18628	18	8	4	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Whitecross-street - - N.R.		9217	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Finsbury - - N.R.		7463	2	1	-	1	-	-	-	-	-	-	-	-	-	1	2	-	-		
Holborn Union Workhouse, Mitcham, W.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - N.R. & E.L.		11174	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate H - - N.R.		7193	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.		6398	1	10	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Bride W - - N.R.		8396	2	1	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-		
Allhallows Barking - - N.R.		13666	3	-	-	-	-	-	-	-	-	-	-	-	-	3	3	14	-		
Broad Street H - - N.R.		6652	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-
house H—Hospital; L—Lunatic Asylum; W—A Workhouse Establishment receiving inmates from other Districts than that in which it stands.
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London;
and K. the Kent Company.

REGISTRATION		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of													Deaths in Public Institutions.	Uncertified Causes of Death.	
SUB-DISTRICTS.					Deaths from															
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.			
EAST DISTRICTS.																				
Holywell Shoreditch	N.R. & E.L.	7376	4	3	-	1	-	-	-	-	-	-	-	-	-	1	1	-	4	-
St. Leonard Shoreditch	N.R.	14967	10	6	1	1	-	-	-	-	-	-	-	-	-	1	1	2	-	-
Horton New Town	N.R.	29987	28	12	3	3	-	1	-	-	-	-	-	-	-	1	1	3	9	-
Horton Old Town	N.R.	28036	19	8	3	3	-	-	1	1	-	-	-	-	-	1	1	3	9	-
Haggerston	N.R. & E.L.	46275	27	18	3	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Hackney-road	E.L.	29738	27	13	6	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-
Green, Bethnal Green	E.L.	47392	38	12	1	2	-	1	-	-	-	-	-	-	-	-	-	6	-	-
Church, Bethnal Green	E.L.	29681	16	8	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Town, Bethnal Green	E.L.	19810	12	2	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
Spitalfields	E.L. & N.R.	22885	16	19	8	3	1	-	-	-	-	-	-	-	-	2	2	3	8	-
Mill End New Town	E.L.	15473	13	15	5	5	-	1	-	-	-	-	-	-	2	2	3	10	-	-
Whitechapel Church	E.L. & N.R.	17490	13	16	2	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Goodman's Fields	E.L.	9713	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldgate	N.R. & E.L.	6102	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George's, North	E.L.	38747	37	9	6	-	-	1	-	-	-	-	-	-	3	-	1	2	-	-
St. John, St. George East	E.L.	8410	5	4	-	3	-	-	-	-	-	-	-	-	-	1	1	8	-	-
Shadwell	E.L. & N.R.	16986	6	14	6	1	-	-	-	5	-	-	-	-	1	-	-	-	-	-
Ratcliff	E.L.	16707	8	9	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Limehouse	E.L.	32041	19	7	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Mill End Old Town West	E.L.	37960	26	3	1	-	-	-	-	-	-	-	-	-	-	-	3	2	-	-
Mill End Old Town East	W & H - E.L.	67653	41	28	6	6	-	-	-	1	2	-	1	-	-	1	2	1	15	-
Row L -	E.L.	37074	59	18	6	3	-	-	-	-	4	-	-	-	-	1	2	1	-	-
Bromley W & H -	E.L.	64559	49	28	2	8	-	1	-	-	-	-	-	-	-	1	2	-	-	-
Foplar. W & H -	E.L.	56077	47	21	6	8	-	-	1	-	-	-	-	-	-	1	2	-	-	-
SOUTH DISTRICTS.																				
Christchurch Southwark	L.																			

[illegible]

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 22nd June, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1891.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes.
LONDON—OUTER RING		370,924	950,957	927	287	82	85	-	3	3	2	7	2	6	9	13	30	
80: 1	Carshalton wL -	12228	21118	12	10	1	1	-	-	-	-	-	-	1	-	-	8	
2	Epsom (part of)* WwB	9971	10710	8	2	2	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of)* -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon WwHHL -	20651	101241	54	25	5	11	-	-	-	1	2	-	1	1	1	4	
2	Mitcham w† -	11697	17932	17	7	1	4	-	1	-	-	-	-	-	-	-	-	1
89: 1	Wimbledon HHH -	3220	15950	19	4	-	2	-	-	-	-	-	-	-	-	-	-	
2	Kingston WHH -	8549	36354	27	9	1	6	-	-	-	-	-	-	-	-	1	-	
3	Esher (part of)* -	6601	9221	4	1	-	1	-	-	-	-	-	-	-	-	-	-	
4	Hampton H -	4573	13539	6	4	-	1	-	1	-	1	-	-	-	-	-	-	
40: 1	Richmond WH -	2372	21302	14	6	3	2	-	-	-	-	-	-	-	-	-	-	
2	Mortlake -	2941	12331	13	5	1	2	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* HH	16669	81142	59	7	5	1	-	-	-	-	2	-	-	-	-	-	
2	Chislehurst (pt. of)* WHH	14307	15944	10	4	-	3	-	-	-	-	-	-	-	-	-	-	
42: 1	Bexley H -	13437	24134	24	3	-	-	-	-	-	-	-	1	-	-	-	-	
2	Dartford (Ww, pts. of)* -	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	
124: 1	Sunbury w -	11055	11685	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines W -	13277	12089	10	2	2	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon WHH -	6029	10802	6	3	-	1	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	6178	3225	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes wHL -	14527	11323	2	5	2	1	-	-	-	-	1	-	-	-	1	2	
126: 1	Isleworth WHH -	7008	22727	14	4	1	-	-	-	-	-	-	-	-	1	1	-	
2	Twickenham H -	2477	13479	13	7	-	3	-	1	-	-	-	-	-	-	-	-	
3	Brentford HL -	4345	27649	17	8	1	3	-	-	-	-	-	-	-	-	-	-	
4	Chislewick -	1340	15975	20	1	-	1	-	-	-	-	-	-	1	-	-	-	
5	Aeton wH -	6083	22376	23	11	5	8	-	-	1	-	-	-	-	-	-	-	
127: 1	Harrow H -	13809	12796	8	5	1	2	-	-	-	-	-	-	-	1	1	-	
2	Edgware H -	6994	3749	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	40	6	2	1	-	-	-	-	-	-	-	-	-	-	
4	Hendon W -	8382	10484	9	6	1	1	-	-	-	-	-	-	1	1	1	2	
137: 1	Bushey -	9331	6631	5	-	-	-	-	-	-	-	-	-	-	1	1	-	
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138: 1	South Mimms -	15599	6391	9	2	-	1	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5483	10092	4	4	-	3	-	-	-	-	-	-	-	-	-	-	
3	Finchley HL -	4688	17615	19	6	1	-	-	-	-	-	-	-	-	-	-	2	
135: 1	Hatfield (part of)* -	3306	583	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey H -	3039	37073	23	10	4	2	-	-	-	-	-	-	-	-	1	-	
2	Tottenham H -	4642	46456	82	28	11	7	-	-	-	-	-	-	-	-	-	-	
3	Edmonton Ww† -	7483	23463	26	5	1	1	-	-	-	-	-	-	-	2	3	-	
4	Enfield WH -	12833	19104	24	10	5	3	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5343	7	3	-	1	-	-	-	-	-	-	-	-	-	1	
6	Cheshunt -	3490	7735	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
136: 1	Stratford -	882	38606	36	9	6	1	-	-	1	-	-	-	-	1	1	-	
2	West Ham wwwwHJ -	7351	101033	149	28	9	4	-	-	1	-	-	2	1	1	-	-	
3	Leyton WwL -	4372	32430	55	17	5	5	-	-	-	-	-	-	-	-	-	7	2
4	Walthamstow H -	6590	28869	37	7	3	1	-	-	-	-	-	-	-	-	-	-	
137: 1	Chigwell (part of)* H	11761	9639	9	2	-	1	-	-	-	-	-	-	1	-	-	-	
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
139: 1	Romford (part of)* W	6730	3411	2	2	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	6	1	1	-	-	-	-	-	-	-	-	1	1	1	
3	Barking Town -	4127	9203	9	5	1	2	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 20: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Gudham and Knockholt (pop. 1918); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Norton in Hatfield also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 22nd June, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
EATER LONDON	448,334	5,642,015	14·2	1·5	1530	363	355	-	26	20	29	34	9	46	62	354	
INNER LONDON -	77,410	4,351,738	14·9	1·7	1243	281	270	-	23	17	27	27	7	40	53	324	
OUTER RING -	370,924	1,290,277	11·6	0·9	287	82	85	-	3	3	2	7	2	6	9	30	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,612,869 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	April 27	-	232	27·9	2	2	-	1	-	57	49†	
BOMBAY	773,196	May 28	292	450	25·7	15	23	?	?	?	151	35†	
MADRAS	398,777	April 19	273	376	49·0	1	67	?	?	?	87	44	
PARIS	2,260,945	June 15	1084	883	20·3	1	14	7	41*	10	10	69	
BRUSSELS (with 8 Faubourgs.)	471,606	" 15	273	161	17·8	-	-	-	1	2	-	19	
AMSTERDAM	403,083	" 15	273	207	27·0	1	8	-	2	4	-	-	
ROTTERDAM	197,723	" 15	124	106	27·7	-	16	-	-	1	-	1	
THE HAGUE	153,440	" 15	94	54	18·2	-	-	-	-	1	-	3	
COPENHAGEN	307,000	" 8	235	150	25·5	-	-	-	1	5	-	13	
STOCKHOLM	228,218	" 8	172	83	18·9	-	-	1	1	1	-	10	
CHRISTIANIA	188,800	" 15	58	63	23·7	-	1	-	4	3	-	10	
ST. PETERSBURG	942,883	" 8	-	481	20·8	1	8	9	3	4	15	87	
BERLIN	1,470,582	" 1	926	658	23·0	-	1	3	13	10	4	141	
HAMBURG (State)	575,276	" 8	370	333	30·2	-	-	2	7*	5	4	24	
DRESDEN	264,196	" 8	162	125	24·6	-	-	-	1*	-	-	27	
BRISLAU	315,000	" 15	216	258	43·0	-	9	-	4*	2	-	83	
MUNICH	281,000	" 8	209	177	32·8	-	5	5	6	-	1	46	
VIENNA	811,434	" 8	511	421	27·0	-	13	5	8	-	3	43	
PRAGUE	304,356	" 8	-	191	32·7	7	1	1	5	8	2	7	
BUDA-PESTH	452,907	" 8	326	260	29·8	-	-	-	4	2	2	34	
TRIESTE	158,084	" 8	-	65	21·4	-	-	-	-	-	1	3	
ROME	401,044	May 4	238	178	23·1	2	4	-	5	2	8†	5	
TURIN (10 days)	306,398	May 20	254	186	22·2	-	6	1	3	4	1	5	
VENICE	153,375	June 8	-	-	-	-	-	-	-	-	-	-	
CAIRO	374,938	May 30	323	380	52·9	10	4	-	-	3	28	127	
ALEXANDRIA	231,396	" 30	170	162	36·5	2	3	1	-	-	5	51	
NEW YORK	1,549,500	June 1	-	629	21·2	-	5	23	30	15	2	20	
BROOKLYN	814,505	" 1	-	335	21·3	-	7	7	26	7	1	10	
PHILADELPHIA	1,040,245	" 1	-	393	19·7	-	8	7	8	6	13	19	
BALTIMORE	500,343	" 1	-	136	14·2	-	-	-	3	1	3	1	

* Including deaths from croup.

† Including 35 deaths from cholera in Calcutta, 10 in Bombay, and 3 in Madras.

‡ Including 7 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22ND JUNE, 1889.

[Under the Superintendence of the Astronomer Royal.]

Under the Superintendence of the Astronomer Royal.																																			
1889.		Phases of the Moon.		MORNING AND DAY.		TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches square.	Ozone.																
						HABO- METER.		Of the Air.		Of the Air Temperature and Dew Point.		Degrees of Humidity (Saturation ratio 100).		Of Radiation.		Of the Water at Deptford.				General Direction.		OBSERS.		Pressure on the Square Foot.		Robinson's.									
																						Mean of 24 hours.						Mean of 24 hours.							
						Low. est.		High. est.		Mean of 24 hours.		Mean of 24 hours.		Great. est.		Least.		Mean of 24 hours.		Horizontal Movement of the Air on each Day.		Vertical Movement of the Air on each Day.		Miles.		Miles.		in.							
JUNE.																																			
SUN. 16		..		29.921		73.1		50.3		22.8		60.8		+ 1.3		51.4		9.4		16.3		1.5		71		134.4		46.0		0		0		0.0	
MON. 17		..		30.029		69.1		48.1		21.0		58.0		- 1.7		51.5		6.5		14.2		0.0		79		124.3		43.8		0		0		0.0	
TUES. 18		..		30.022		65.4		48.1		17.3		55.5		- 4.4		47.9		7.6		15.7		0.0		76		128.0		43.3		0		0		0.0	
WED. 19		..		29.917		70.0		45.7		24.3		56.7		- 3.5		49.6		7.1		18.2		0.0		77		142.0		41.1		0		0		0.0	
THURS. 20		Last Qr.		29.882		75.8		50.7		25.1		62.2		+ 1.7		53.6		8.6		19.4		1.5		74		139.0		45.8		0		0		0.0	
FRI. 21		In Equator.		29.886		74.1		53.8		20.3		62.3		+ 1.5		56.5		5.8		15.0		1.0		81		135.6		48.8		0		0		0.0	
SAT. 22		..		29.806		79.0		51.1		27.9		61.9		+ 0.8		54.5		7.4		21.6		1.0		77		138.8		46.6		0		0		0.0	
MEANS		..		29.936		72.4		49.7		22.7		59.6		- 0.6		52.1		7.5		17.2		0.7		76		134.6		45.1		0		0		0.0	
No. of Cal.		8		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		25	

DATE.	JUNE.	ELECTRICITY.		Registered Sun above		GENERAL REMARKS.	
		(For expansion of Syman, see Note.)	(For expansion of Syman, see Note.)	Sunshine, in hours.	Shade, in hours.		
SUNDAY	16			12.6	16.5	Very fine; light clouds till evening; cloudless at night.	
MONDAY	17			8.6	16.6	Cloudless and very fine in morning; partially cloudy till evening; cloudless and very fine at night.	
TUESDAY	18			7.5	16.6	Generally cloudy till afternoon; very fine afterwards, with small amounts of light cloud.	
WEDNESDAY	19	The electrometer was not in action throughout the week.		8.9	16.6	Fine; partially cloudy.	
THURSDAY	20			10.1	16.6	Cloudy in morning; very fine afterwards, with little light cloud till evening; cloudless at night.	
FRIDAY	21			8.1	16.6	Overcast in morning; partially cloudy but fine till evening; overcast at night.	
SATURDAY	22			9.5	16.6	Overcast in morning; very fine afterwards, with small amounts of light cloud till evening; cloudless at night.	
MEANS				Sum 45.3	Sum 116.1		
No. of Cal.				29	30		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M., noon; 3h. P.M.; and 8h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into the daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1878 for the barometer, and of the photographic records made during the twenty years ending 1888 for the thermometer. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.86 in. at the beginning of the week to 29.96 in. by 9h. A.M. on the 18th; decreased to 29.86 in. by 3h. P.M. on the 20th; increased to 29.93 in. by 9h. A.M. on the 22nd; decreased to 29.86 in. by 8h. P.M. on the 22nd; and was 29.90 in. at the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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General Register Office, Somerset House,
1st July, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·3 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 8.	June 15.	June 22.	June 29.		June 8.	June 15.	June 22.	June 29.
Birkenhead	18·8	12·7	12·2	18·3	Liverpool -	18·1	18·2	16·9	20·5
Birmingham	13·4	13·5	16·6	15·5	London -	15·7	15·0	14·9	15·2
Blackburn -	22·8	20·7	15·5	22·4	Manchester -	30·2	26·3	27·1	25·9
Bolton -	17·3	15·9	22·3	19·6	Newcastle-on-Tyne*	22·7	20·4	23·0	21·4
Bradford* -	16·9	16·4	15·8	16·4	Norwich -	13·8	13·3	16·6	14·9
Brighton -	18·0	11·1	9·9	13·7	Nottingham -	17·8	12·7	11·2	14·9
Bristol -	13·0	16·4	14·8	13·0	Oldham -	20·2	17·6	13·9	17·6
Cardiff*	14·8	17·6	18·1	18·5	Plymouth -	26·0	20·0	20·7	18·0
Derby -	21·7	14·3	10·6	15·9	Portsmouth -	15·1	14·4	14·0	16·3
Halifax -	27·0	20·6	25·1	22·5	Preston -	36·1	33·0	26·0	23·5
Huddersfield	19·7	19·1	15·7	14·6	Salford* -	21·6	15·1	20·3	20·3
Hull -	22·1	19·6	25·3	22·1	Sheffield -	19·5	17·9	17·7	16·9
Leeds -	18·2	18·7	21·9	22·6	Sunderland -	21·4	21·0	18·3	24·9
Leicester* -	10·1	16·6	15·6	20·1	Wolverhampton -	25·3	23·4	15·2	19·0

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Newcastle-upon-Tyne, 1·8 in Bolton, 1·9 in Halifax, 3·3 in Hull, and 5·5 in Preston; from *scarlet fever*, 2·0 in Plymouth; from *whooping-cough*, 1·3 in Plymouth, 1·5 in Birkenhead, 1·8 in Oldham, 2·3 in Cardiff, and 2·5 in Wolverhampton; and from *diarrhœa*, 1·8 in Manchester, 1·9 in Sunderland, 2·2 in Bradford, 2·4 in Salford, and 2·8 in Leeds and in Leicester. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 24 deaths from *diphtheria* in the twenty-eight towns included 13 in London, 2 in Birmingham, 2 in Salford, 2 in Leeds, and 2 in Hull. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2467 BIRTHS and 1265 DEATHS were registered. Allowing for increase of population, the births were 270, and the deaths 198, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 15·0, and 14·9 in the preceding three weeks, rose again last week to 15·2. During the thirteen weeks ending on

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

Saturday last averaged 16·0 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1265 deaths included 33 from measles, 10 from scarlet fever, 13 from diphtheria, 27 from whooping-cough, 8 from enteric fever, 1 from an ill-defined form of continued fever, 57 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 149 deaths were referred to these diseases, being 101 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 14; no small-pox patient was under treatment in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 39, 32, and 23 in the three preceding weeks, rose again last week to 33, but were 31 below the corrected average; 4 belonged to Pancras, 3 to Camberwell, and 5 to Greenwich sanitary areas. The 10 fatal cases of *scarlet fever* showed a decline of 7 from the number in the previous week, and were 18 below the corrected average; 3 belonged to Pancras sanitary area. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 569 scarlet fever patients, against 572 and 559 on the two preceding Saturdays; 64 cases were admitted to these hospitals during the week, against 33 and 44 in the two previous weeks. The deaths from *diphtheria*, which had been 34, 26, and 27 in the preceding three weeks, declined last week to 13, and were 4 below the corrected average; 2 belonged to St. George-in-the-East sanitary area. The 27 fatal cases of *whooping-cough* corresponded with the number in the previous week, and were 29 below the corrected average; 3 belonged to St. George Hanover Square, 4 to Marylebone, 3 to Newington, and 4 to Wandsworth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had increased in the five preceding weeks from 13 to 40, further rose last week to 57, and exceeded the corrected average by 3; 54 were of children aged under 5 years of age, including 39 of infants under the age of one year.

The deaths referred to *enteric fever*, which had been 3, 8, and 7 in the three preceding weeks, were last week 8, and were 4 below the corrected average. The death of the daughter of a labourer, aged 5 years, in Poplar sanitary area, was indefinitely referred to "low fever, dropsy." The Metropolitan Asylum Hospitals contained 21 cases of enteric fever, and not one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 3 and 5 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 205, 169, and 171 in the three previous weeks, declined last week to 169, and were 45 below the corrected average.

Different forms of violence caused 39 deaths; 30 were the result of negligence or accident, among which were 12 from fractures and contusions, 2 from burns and scalds, 8 from drowning, and 6 of infants under one year of age from suffocation. The 12 deaths from fractures and contusions were thus caused:—8 by accidents from vehicles and horses in the streets; 2 by fall from window; 1 by fall in street; and 1 by injuries from lift. An inquest was held in each of these 12 cases. Six cases of suicide were registered, being 4 below the corrected average.

GREATER LONDON.

In Greater London 3231 births and 1599 deaths were registered, corresponding to annual rates of 29·9 and 14·8 per 1000 of the estimated population. In the Outer Ring 8 fatal cases of diarrhoea, 6 of scarlet fever, 5 of measles, 5 of diphtheria, and 5 of whooping-cough were registered. The 6 deaths from scarlet fever included 4 in West Ham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·90 ins.; the lowest reading was 29·83 ins. on Thursday afternoon, and the highest 30·10 ins. at the end of the week. The mean temperature of the *air* was 64°·1, and 2°·3 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday and Monday, but showed a considerable excess on each of the other days of the week. The general direction of the *wind* was N.E. and E., and the horizontal movement of the air averaged 5·2 miles per hour, which was 5·0 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Monday to the amount of 0·02 of an inch. The duration of registered bright sunshine in the week was 54·1 hours, against 54·2 hours at Glyde Place, Lewes.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-SIXTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2427	2493	2486	2470	2589	2691	2483	2437	2735	2289	2737.1	2467
Males . .	1161	1265	1254	1266	1263	1347	1238	1246	1402	1123	1376.2	1265
Females .	1266	1228	1232	1204	1326	1344	1195	1191	1333	1161	1360.9	1202
TOTAL Deaths	1272	1300	1440	1303	1432	1471	1366	1258	1388	1238	1463.2	1265
Males . .	681	687	767	682	753	808	729	659	700	636	774.5	699
Females .	591	613	673	621	679	663	637	599	688	602	688.7	566

The numbers in this column are the average weekly numbers in the twenty-sixth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.
TOTAL Births	2676	2509	2488	2522	2712	2565	2648	2402	2405	2523	2396	2636	2467
TOTAL Deaths	1572	1493	1426	1462	1386	1295	1231	1267	1151	1306	1247	1243	1265
Ages at													
{ 0–20 years	729	671	670	708	626	577	571	608	506	601	564	575	572
{ 20–40 "	175	183	174	171	184	175	169	152	143	186	173	180	179
{ 40–60 "	287	266	214	256	266	251	205	221	209	245	227	218	232
Death													
{ 60–80 "	305	310	299	264	258	245	232	224	237	294	236	225	229
{ at 80 years & upwds.	76	63	69	63	52	47	54	62	51	40	47	45	53
"													
{ Under 1 year	368	322	299	361	309	287	267	301	242	306	293	281	315
{ 1–5 "	261	251	279	273	246	218	225	222	181	205	184	203	189
{ 5–20 "	100	98	92	74	71	72	79	85	83	90	87	91	68
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	74	72	70	65	68	60	53	47	31	39	32	23	33
" " Scarlet fever	15	13	10	9	15	10	7	16	4	12	11	17	10
" " Diphtheria	26	36	22	29	21	23	24	21	16	34	26	27	13
" " Whooping-cough	49	43	51	56	55	37	36	48	49	26	37	27	27
" " Typhus	-	1	-	-	-	-	-	-	-	-	-	-	-
" " Enteric fever	9	10	6	3	5	5	7	5	9	3	8	7	8
" " Simple Cont ^d fever	-	1	-	1	2	4	1	1	-	4	2	-	1
" " Diarrhoea and Dysentery }	17	11	10	18	12	10	14	13	14	19	34	40	57
" " Cholera	-	-	-	-	-	-	-	1	-	1	-	-	-
" " all the above- mentioned Diseases }	190	187	169	181	178	149	142	152	123	138	150	141	149
" " Dis. of Respira- tory System }	364	294	300	305	242	213	217	177	162	205	169	171	169
" " Phthisis	170	152	128	164	143	125	137	143	144	174	162	155	137
" " Dis. of Circula- tory System }	146	185	98	119	154	134	97	98	101	97	106	123	99
Violent Deaths	69	68	57	69	55	66	51	48	55	58	48	53	39
Inquest Cases	130	130	111	116	107	125	85	89	104	91	109	105	90
Deaths in Public Institutions	340	325	315	331	315	310	311	342	290	323	290	324	314
TEMPERATURE OF THE AIR													
Mean	43.5	43.5	46.5	47.5	50.8	57.7	54.0	61.9	55.7	64.3	56.8	59.6	64.1
Mean of Highest readings	51.8	50.4	55.3	57.8	61.9	67.9	64.5	75.1	64.9	77.2	64.0	72.4	77.1
Mean of Lowest readings	37.4	38.6	39.8	39.1	41.5	49.1	46.7	50.8	43.0	53.4	51.7	49.7	52.1
Humidity of the Air	78	90	84	80	79	77	85	77	82	73	89	76	71
Rain-fall in inches	0.27	0.56	0.10	0.75	0.79	0.71	0.19	0.51	1.33	0.31	1.73	0.00	0.02
Registered Sunshine (in hours)	21.3	8.6	12.5	31.3	39.8	37.5	27.7	49.1	47.2	50.1	3.3	65.3	54.1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothessley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIndabourgh, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SIXTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 26th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 29th June 1889.										CAUSES OF DEATH.	Corrected Averages for the 26th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 29th June 1889.											
		Deaths of Persons of the Ages												Deaths of Persons of the Ages											
		ALL AGES.												ALL AGES.											
		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	0-1.	1-5.	5-20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.								
ALL CAUSES - -	1463.2	1265	315	189	68	179	232	229	53		Diseases of Organs of Special Sense † - -	2.1	2	-	-	1	1	-	-	-	-	-	-	-	-
Small-pox { Vaccinated † - -	14.4	-	-	-	-	-	-	-	-		Diseases of Circulatory System - -	96.3	89	-	-	2	16	38	35	8					
Unvaccinated - -		-	-	-	-	-	-	-	-		Croup - - - - -	11.6	2	1	-	1	-	-	-	-	-	-	-	-	
No Statement - -		-	-	-	-	-	-	-	-	-		Bronchitis - - - -	104.4	79	16	17	-	2	13	27	4				
Measles - - - -	61.0	33	5	25	3	-	-	-	-		Pneumonia - - - -	70.1	61	18	16	1	7	9	10	-					
Scarlet Fever - -	27.7	10	-	7	2	1	-	-	-		Pleurisy - - - - -	5.0	4	-	1	1	-	1	-	-	-	-	-	-	
Typhus - - - - -	1.0	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - -	20.5	23	4	10	1	2	1	5	-					
Relapsing Fever † -	0.2	-	-	-	-	-	-	-	-		Dentition † - - - -	13.4	8	7	1	-	-	-	-	-	-	-	-	-	
Influenza - - - -	0.1	-	-	-	-	-	-	-	-		Quinsy, Sore Throat † -	1.8	1	-	-	-	1	-	-	-	-	-	-	-	
Whooping-cough -	55.7	27	14	13	-	-	-	-	-		Enteritis - - - - -	8.4	9	3	1	1	2	-	2	-	-	-	-	-	
Diphtheria - - - -	17.2	13	-	8	5	-	-	-	-		Peritonitis - - - - -	5.4	5	-	-	-	3	2	-	-	-	-	-	-	
Simple Continued and Ill-defined Fever -	1.9	1	-	1	-	-	-	-	-		Diseases of Liver - -	39.6	35	2	-	-	7	16	10	-	-	-	-	-	
Enteric Fever - -	11.9	8	-	1	3	3	1	-	-		Other Diseases of Digestive System -	28.6	29	4	2	2	7	8	5	1					
Cholera - - - - -	2.2	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - - - -	1.8	4	-	-	1	1	2	-	-	-	-	-		
Diarrhoea, Dysentery	53.7	57	39	15	-	1	-	1	1		Diseases of Urinary System - - - - -	37.2	36	-	-	1	9	18	7	1					
Remittent Fever † -	0.3	-	-	-	-	-	-	-	-		Diseases of Generative System - - - - -	6.0	6	-	-	-	3	1	2	-	-	-	-	-	
Hydrophobia - - -	0.2	-	-	-	-	-	-	-	-		Accidents of Childbirth -	4.4	1	-	-	-	1	-	-	-	-	-	-	-	
Glanders - - - - -	0.2	-	-	-	-	-	-	-	-		Diseases of Locomotive System † - - - -	8.2	8	1	-	3	3	1	-	-	-	-	-	-	
Cowpox and Effects of Vaccination † - -	0.2	-	-	-	-	-	-	-	-		Diseases of Integumentary System - - - -	5.6	6	1	-	-	1	-	3	1					
Veneral Affections	10.9	9	5	2	-	2	-	-	-		VIOLENT DEATHS.‡														
Erysipelas - - -	5.0	-	-	-	-	-	-	-	-		(ACCIDENT.)														
Pysymia and Septicæmia †	3.2	3	-	-	1	2	-	-	-		Fracture and Contusion	21.1	13	-	6	2	1	1	2	-					
Puerperal Fever - -	3.1	3	-	-	2	1	-	-	-		Gunshot Wound - - -	0.1	-	-	-	-	-	-	-	-	-	-	-	-	
Other Zymotic Diseases †	2.3	1	1	-	-	-	-	-	-		Cut. Stab. - - - - -	0.3	2	-	1	-	1	-	-	-	-	-	-	-	
Thrush - - - - -	3.0	5	5	-	-	-	-	-	-		Burn and Scald - - -	3.2	-	-	-	-	-	-	-	-	-	-	-	-	
Worms and other Parasitical Diseases - -	0.5	-	-	-	-	-	-	-	-		Poison - - - - -	1.6	1	-	1	-	-	-	-	-	-	-	-	-	
Starvation, Want of Breast-milk † - -	1.4	-	-	-	-	-	-	-	-		Drowning - - - - -	9.7	8	1	-	4	2	1	-	-	-	-	-	-	
Alcoholism - - - -	4.4	10	-	-	-	4	5	1	-		Suffocation - - - -	10.5	7	6	1	-	-	-	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart †	6.8	9	-	-	3	3	2	1	-		Otherwise - - - - -	2.4	-	-	-	-	-	-	-	-	-	-	-	-	
Rheumatism † - - -	2.0	2	-	-	-	-	1	1	-		(HOMICIDE.)														
Gout - - - - -	3.9	5	-	-	-	2	1	2	-		Murder & Manslaughter	1.2	3	2	-	-	1	-	-	-	-	-	-	-	
Rickets † - - - -	2.7	5	3	2	-	-	-	-	-		(SUICIDE.)														
Cancer - - - - -	53.0	43	-	-	-	4	27	14	1		Gunshot Wound - - -	0.7	-	-	-	-	-	-	-	-	-	-	-	-	
Typhoid Mesenterica	27.8	31	18	9	3	1	-	-	-		Cut. Stab. - - - - -	2.6	1	-	-	-	-	1	-	-	-	-	-	-	
Tubercular Meningitis	30.3	24	3	12	8	1	-	-	-		Poison - - - - -	1.2	3	-	-	-	-	-	8	-	-	-	-	-	
Phthisis - - - - -	165.9	137	1	5	9	63	50	9	-		Drowning - - - - -	1.2	2	-	-	-	1	1	-	-	-	-	-	-	
Scrophula, Tuberculosis	19.0	21	10	5	3	3	-	-	-		Hanging - - - - -	2.8	-	-	-	-	-	-	-	-	-	-	-	-	
Other Constitutional Diseases † - -	10.5	11	2	-	1	1	3	4	-		Otherwise - - - - -	1.1	-	-	-	-	-	-	-	-	-	-	-	-	
Premature Birth - -	33.0	37	37	-	-	-	-	-	-		(EXECUTION.)														
Atelectasis † - - -	2.0	-	-	-	-	-	-	-	-		Hanging - - - - -	0.0	-	-	-	-	-	-	-	-	-	-	-	-	
Congenital Malformations - -	6.5	7	7	-	-	-	-	-	-		OTHER CAUSES † - -	52.4	56	44	5	-	1	2	4	-					
Old Age - - - - -	47.6	52	-	-	-	-	-	27	23																
Apoplexy - - - - -	41.0	37	-	-	-	3	9	24	1																
Epilepsy - - - - -	7.9	7	-	-	1	2	2	2	-																
Convulsions - - - -	47.3	42	35	7	-	-	-	-	-																
Other Diseases of Brain and Nervous System	86.1	99	20	16	4	8	14	27	10																

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from												Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euterie (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2467	1265	315	282	-	33	10	13	27	-	8	1	57	39	90	314	10	
WEST DISTRICTS		669,653	355	228	45	60	-	4	1	2	6	-	-	-	10	4	13	75	-	
NORTH DISTRICTS		905,947	589	268	59	60	-	8	3	4	6	-	2	-	7	9	23	63	-	
CENTRAL DISTRICTS		282,238	165	90	20	17	-	3	1	1	-	-	-	-	8	10	13	27	1	
EAST DISTRICTS		692,738	496	213	64	51	-	4	-	4	3	-	1	1	16	4	12	81	2	
SOUTH DISTRICTS		1,365,143	862	436	127	94	-	14	5	2	12	-	5	-	16	12	29	63	7	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69833	30	12	5	2	-	-	-	-	-	-	-	-	2	-	-	1	-	
St. John Paddington H - - - G.J.		87390	8	12	-	3	-	-	-	-	-	-	-	-	-	1	7	-	-	
Kensington Town Ww - - - W.M.		120141	65	43	6	16	-	-	-	1	-	-	-	-	2	1	2	20	-	
Brompton H - - - W.M. & C.		48010	7	8	1	2	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Peter Hammersmith - - - W.M.		7399	4	2	2	-	-	-	-	-	-	-	-	-	-	1	2	3	-	
St. Paul Hammersmith H W.M. & G.J.		64340	47	20	4	6	-	-	-	-	2	-	-	-	1	-	2	2	-	
Fulham Ww - - - W.M. & C.		42900	55	25	10	-	-	-	-	-	-	-	-	-	-	-	1	2	-	
Chelsea South HHH - - - C.		6896	20	17	6	4	-	-	-	-	1	-	-	-	1	-	-	10	-	
Chelsea North-west WHHHH C.		21925	16	18	2	4	-	-	-	-	-	-	-	-	1	-	-	-	-	
Chelsea North-east - - - C.		32807	18	9	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
May Fair Ww - - - G.J.		80853	8	8	3	5	-	-	-	-	1	-	-	-	1	2	3	8	-	
Belgrave WHHH - - - C.		59220	17	17	1	4	-	2	-	-	2	-	-	-	1	-	-	1	-	
St. John Westminster HHH - - C.		35495	24	11	1	-	-	-	-	-	-	-	-	-	1	-	-	10	-	
St. Margaret Westminster H - C.		24679	4	13	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster WHH N.R. & G.J.		29941	13	9	2	2	-	2	1	-	-	-	-	-	-	-	-	2	-	
St. Anne Soho HHHHHH - N.R.		16668	15	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	10	8	-	-	-	-	-	-	-	-	-	-	-	1	2	6	-	
Cavendish Square HHHH - - W.M.		14891	8	6	2	-	-	1	-	-	-	-	-	-	-	1	1	1	-	
Rectory Marylebone WH G.J. & W.M.		24809	5	7	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Mary Maryleb. HHH G.J. & W.M.		21118	36	9	2	3	-	-	-	1	-	-	-	-	1	1	1	-	-	
Christchurch Marylebone HH - W.M.		38700	23	8	4	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. John Marylebone H - - W.M.		83633	21	10	6	2	-	-	-	-	2	-	-	-	-	-	-	-	-	
Hampstead WwHHHH N.R. & W.M.		45452	20	14	3	3	-	-	1	-	-	-	-	-	-	-	-	2	-	
Regent's Park Pancras H - - W.M.		39115	30	10	4	1	-	-	-	-	-	-	-	-	-	3	5	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	12	13	1	-	-	3	-	1	-	-	-	-	1	-	1	5	-	
Gray's Inn Lane HHH - - N.R.		30247	24	11	3	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
Somers Town H - - N.R.		34369	21	9	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
Camden Town WH - - N.R.		17311	9	10	-	8	-	-	1	-	-	-	-	-	1	-	-	9	-	
Kentish Town W - - N.R.		37437	45	23	7	3	-	-	1	1	-	1	-	-	2	-	-	3	-	
Upper Holloway WwH - - N.R.		67946	52	16	-	0	-	1	-	-	-	-	-	-	-	-	1	10	-	
Islington South-west HH - N.R.		100976	60	26	7	4	-	-	-	-	-	-	-	-	2	-	3	-	-	
Islington South-east - - N.R.		61825	44	16	6	2	-	-	-	-	-	-	1	-	-	-	-	-	-	
Highbury H - - N.R.		52048	28	12	1	2	-	1	-	-	-	-	-	-	-	-	-	2	-	
Stoke Newington H - - N.R.		22781	23	9	4	2	-	1	-	-	-	-	-	-	-	1	1	-	-	
Stamford Hill - - E.L.		9277	8	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.		87610	28	5	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
Hackney WwWH - - E.L. & N.R.		78911	65	32	5	9	-	-	-	-	-	-	-	-	1	2	3	14	-	
South Hackney - - E.L.		39938	22	11	8	3	-	-	-	-	1	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		16681	7	4	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	
St. Giles South WH - - N.R.		14864	6	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
St. Giles North - - N.R.		13637	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Mary-le-Strand H - - N.R.		7515	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - N.R.		8559	4	7	-	3	-	-	-	-	-	-	-	-	-	-	-	1	4	
Strand Union Workhouse, Edmonton w.		-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Geo.-the-Martyr HHHHHH N.R.		18671	8	8	4	-	-	1	-	-	-	-	-	-	1	1	1	4	-	
St. Andrew Eastern W - - N.R.		10706	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H - - N.R.		6538	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.		17516	14	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.R.		19281	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - N.R.		14773	17	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - N.R.		17505	13	5	1	1	-	2	-	1	-	-	-	-	-	-	-	-	-	
Old-street H - - N.R.		11541	13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.		18628	17	7	1	3	-	-	-	-	-	-	-	-	-	-	-	1	2	
Whitecross-street - - N.R.		9217	9	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.		7465	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mittham; w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.		11174	9	2	1	-	-	-	-	-	-	-	-	-	-	-	1	2	-	
Cripplegate - - N.R.		7193	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - N.R.		6358	2	16	1	2	-	-	-	1	-	-	-	-	-	-	6	6	12	
St. Bride W - - N.R.		8396	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - N.R.		13666	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

The DEATHS registered in the Week include																	
REGISTRATION			Deaths of														
SUB-DISTRICTS.			Deaths from														
Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																	
Shywell Shore-ditch	N.R. & E.L.	7376	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-
Leonard Shore-ditch	HL*	14967	9	5	1	1	-	1	-	-	-	-	-	-	-	3	-
Ston New Town	-	29937	17	14	3	8	-	-	-	-	-	-	-	-	-	8	-
Ston Old Town	-	28036	22	4	1	1	-	1	1	-	-	-	-	-	-	-	-
Aggerston	WH	46275	36	16	4	5	-	-	-	-	-	-	-	-	-	6	-
Askeby-road	H	29738	18	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Green, Bethnal Green	WHL*	47932	41	26	5	9	-	-	-	-	-	-	1	-	1	17	1
Green, Bethnal Green	-	29981	23	11	1	2	-	1	-	-	-	-	-	-	-	-	-
Green, Bethnal Green	-	19810	17	7	4	2	-	-	-	-	-	-	-	-	-	-	-
St. Paul's Fields	-	22885	14	6	3	-	-	-	-	-	-	-	1	-	-	-	-
St. Paul's New Town	W	15475	18	10	3	-	-	-	-	-	-	-	-	-	-	6	-
St. Paul's Church	H	17490	6	22	-	4	-	-	-	1	-	-	-	-	-	13	-
St. Paul's Fields	-	9713	4	3	3	-	-	-	-	-	-	-	1	-	-	-	-
St. Paul's Fields	-	6102	9	3	-	1	-	-	-	-	-	-	-	-	1	-	-
St. George's, North	-	38747	60	17	8	-	1	-	1	-	-	-	2	1	1	-	-
St. John, St. George East	W	8410	12	5	8	1	-	-	-	-	-	-	-	-	-	3	-
St. Andrew's	HH	10993	11	12	4	1	-	-	-	-	-	-	5	-	-	9	-
St. Andrew's	-	16107	3	5	3	-	-	-	-	-	-	-	2	-	-	-	-
St. Andrew's	-	82041	20	5	2	1	-	-	-	-	-	-	2	2	-	-	-
St. Andrew's	-	37960	25	11	2	2	-	-	-	-	-	-	2	-	2	-	1
St. Andrew's	-	67553	51	19	7	6	-	-	-	-	-	-	1	1	-	-	-
St. Andrew's	-	37074	14	3	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Andrew's	-	64359	28	26	3	7	-	-	-	-	-	1	-	-	-	11	-
St. Andrew's	-	55077	32	9	1	1	-	-	1	-	-	-	-	-	1	-	-
SOUTH DISTRICTS.																	
St. Andrew's	WH	18663	4	3	-	2	-	-	-	-	-	-	-	-	1	1	-
St. Andrew's	-	14999	7	10	2	1	-	-	-	-	-	-	1	-	1	1	-
St. Andrew's	-	21381	8	4	2	1	-	1	-	-	-	-	-	-	-	2	1
St. Andrew's	-	15953	15	7	4	1	-	-	2	-	-	-	-	-	-	1	1
St. Andrew's	-	21318</															

Table by w:-

Marlybone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-
" Mile End Old Town Eastern sub-dist.	ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
London City " and Bromley sub-district.	Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 29th June, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, Inclu- ding Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Cholera.	Violence.				
LONDON—OUTER RING		370,924	950,957	764	334	89	83	-	5	6	5	5	3	8	15	26	40		
80:1	Carshalton wL -	12298	21118	13	10	2	3	-	-	-	-	-	2	-	-	-	2		
2	Epsom (part of)* WwH	9971	10710	8	1	-	-	-	-	-	-	-	-	-	-	-	1		
37:1	Godstone (part of) * -	2754	1235	2	2	2	-	-	-	-	-	-	-	-	-	-	-		
38:1	Croydon WwHHL -	20851	101241	62	49	4	19	-	-	-	-	-	1	1	2	4	18		
2	Mitcham w† -	11697	17982	15	4	1	1	-	-	-	-	-	-	-	1	1	1		
39:1	Wimbledon HHH -	3220	15950	14	4	2	2	-	-	-	-	-	-	-	-	-	-		
2	Kingston WHH -	8549	38354	27	9	3	2	-	-	-	-	-	-	-	-	-	-		
3	Esher (part of) * -	6601	9231	4	2	-	1	-	-	-	-	-	-	-	-	-	-		
4	Hampton H -	4573	13539	11	4	2	-	-	1	-	-	-	-	-	1	1	-		
40:1	Richmond WH -	2272	21302	12	5	1	1	-	-	-	-	-	-	-	-	-	1		
2	Mortlake -	2941	12331	10	8	3	1	-	1	-	-	-	-	-	-	-	-		
41:1	Bromley (pt. of) * HH	15689	81142	14	4	-	1	-	-	-	-	-	-	-	1	1	1		
2	Chislehurst (pt. of) * WHH	14807	15844	11	3	-	2	-	-	-	-	-	-	-	-	1	-		
42:1	Bexley H -	19437	24134	10	10	1	2	-	-	-	-	-	-	-	1	2	-		
2	Dartford (Ww, pts. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124:1	Sunbury w -	11055	11635	9	2	-	1	-	-	-	-	-	-	1	-	-	-		
2	Staines W -	13277	12089	4	5	1	1	-	-	-	-	-	-	1	-	2	2		
125:1	Hillingdon WHH -	6029	10802	8	4	1	2	-	-	-	1	-	-	-	-	-	3		
2	Uxbridge -	6178	5225	4	1	-	1	-	-	-	-	-	-	-	-	-	-		
3	Hayes wHL -	14587	11523	9	4	4	-	-	-	-	-	1	-	-	-	-	-		
126:1	Isleworth WHH -	7008	22727	22	10	2	4	-	-	-	-	-	-	-	-	-	3		
2	Twickenham H -	2477	12479	0	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford HL -	4345	27449	17	7	2	1	-	-	-	-	-	-	-	1	3	-		
4	Chiswick -	1340	15975	5	4	1	1	-	-	-	-	-	-	-	2	2	-		
5	Acton wH -	6038	22876	10	10	2	2	-	1	-	1	-	-	-	1	1	-		
127:1	Harrow H -	13809	12796	6	2	-	1	-	-	1	-	-	-	-	-	-	-		
2	Edgware H -	6994	3749	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden -	4383	27453	36	9	3	3	-	-	-	1	-	-	-	-	1	-		
4	Hendon W -	8323	10494	12	4	1	1	-	-	-	-	-	1	-	-	-	-		
137:1	Bushey -	9331	6821	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128:1	South Mimms -	15599	6391	5	4	-	2	-	-	-	-	-	-	-	1	1	-		
2	Barnet -	5433	10092	5	3	1	2	-	-	-	-	-	-	-	-	-	-		
3	Winchley HL -	4022	17315	11	4	1	1	-	-	-	-	-	-	-	-	-	1		
129:1	Hatfield (part of) *	3396	583	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Hornsey H -	3039	37078	21	8	2	2	-	-	1	-	-	1	-	-	-	-		
3	Tottenham H -	4642	46456	67	14	5	3	-	-	-	1	-	-	-	-	-	-		
4	Edmonton Ww† -	7453	33468	18	7	2	-	-	-	-	-	-	-	-	-	-	-		
5	Enfield WH -	12653	19104	19	7	1	2	-	-	-	-	-	-	-	-	-	1		
6	Waltham Abbey -	11017	5348	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
7	Cheshunt -	8490	7785	5	3	1	1	-	-	-	-	-	-	-	-	-	-		
130:1	Stratford -	882	38603	25	16	9	1	-	-	-	-	-	-	2	-	-	-		
2	West Ham wwwwH‡ -	7351	101053	113	46	15	5	-	1	4	-	-	2	-	1	1	-		
3	Leyton WwL -	4372	32430	36	16	3	7	-	-	-	-	-	-	-	1	3	-		
4	Walthamstow H -	6520	28859	41	11	3	2	-	-	-	1	-	-	1	-	-	6		
137:1	Chigwell (part of) * H	11761	9339	7	7	3	1	-	-	-	-	-	-	-	-	-	-		
2	Epping (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		
139:1	Romford (part of) * W	6730	2411	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford -	8493	7645	5	4	2	1	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	10	3	2	-	-	1	-	-	-	-	-	1	1	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Keston (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford; 137: 2, Watford; and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 29th June, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
ATER LONDON	448,334	5,642,015	14·8	1·7	1599	404	365	-	38	16	18	32	12	65	54	354		
WER LONDON -	77,410	4,351,738	15·2	1·8	1265	315	282	-	33	10	13	27	9	57	39	314		
UTER RING -	370,924	1,290,277	13·5	1·3	334	89	83	-	5	6	5	5	3	8	15	40		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 10,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,612,869 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CUTTACK	433,219	May	4	-	209	25·1	4	2	-	-	-	62	47†
BOMBAY	773,196	June	4	290	481	27·5	8	16	?	?	?	190	26†
BRASS	398,777	April	26	305	372	48·5	2	67	?	?	?	65	53
BOMBAY	2,260,945	June	22	1167	894	20·6	2	19	2	28*	15	11	88
BRASS (8 Faubourgs.)	471,606	"	22	283	166	18·3	-	-	-	1	-	2	21
BRASS	408,083	"	22	249	152	19·8	1	3	-	1	3	1	-
BRASS	197,723	"	22	126	121	31·7	-	30	-	-	-	-	-
BRASS	153,440	"	22	99	66	22·4	-	-	-	-	1	1	-
BRASS	307,000	"	15	209	153	26·0	-	-	-	9	5	1	27
BRASS	228,218	"	15	149	91	20·7	-	-	2	4*	-	-	22
BRASS	138,300	"	22	62	67	25·2	-	4	2	3	4	-	13
PETERSBURG	842,883	"	15	-	516	31·9	1	6	6	4	7	18	66
BRASS	1,470,582	"	8	875	1112	38·9	-	5	1	18	10	2	333
BRASS (State)	575,276	"	15	423	235	21·3	-	1	1	0*	3	1	22
BRASS	264,196	"	15	146	112	22·0	?	1	-	-	-	-	27
BRASS	315,000	"	22	216	284	47·3	-	4	2	6*	1	-	93
BRASS	281,000	"	15	224	183	33·9	-	8	2	13*	4	-	44
BRASS	811,434	"	15	576	359	23·0	-	8	-	3	1	-	39
BRASS	304,356	"	15	214	150	25·7	5	-	1	10*	3	4	7
BRASS	493,907	"	15	328	251	28·8	-	-	3	6	2	5	42
BRASS	158,084	"	15	-	52	17·1	-	-	-	2*	-	1	2
BRASS	461,044	May	11	240	151	19·6	5	2	1	2	1	7†	4
BRASS (11 days)	308,398	"	31	-	-	-	-	-	-	-	-	-	-
BRASS	153,375	June	8	97	83	28·2	6	3	-	-	-	-	9
BRASS	374,838	"	6	-	-	-	-	-	-	-	-	-	-
BRASS	231,306	"	6	-	-	-	-	-	-	-	-	-	-
BRASS	1,549,500	"	8	-	688	23·2	-	10	26	41	11	4	22
BRASS	814,505	"	8	-	322	20·4	-	2	8	16	4	1	14
BRASS	1,040,245	"	8	-	386	19·4	-	5	2	6	7	14	17
BRASS	500,343	"	8	-	134	14·0	-	-	6	2	1	3	6

* Including deaths from croup.

† Including 23 deaths from cholera in Calcutta, and 4 in Bombay.

‡ Including 4 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29th JUNE, 1889.

[Under the Superintendence of the Astronomer Royal.]

Under the Superintendence of the Astronomer-General.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1889.		Phases of the Moon.		MORNING AND DAY.		TEMPERATURE.										Wind as deduced from Anemometers.				Rain collected in a Gauge whose surface is 5 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
						BAROMETER.		Of the Air.				Difference between the Air Temperature and Dew Point Temperature.				TEMPERATURE.		Of the Water of the Thames at Deptford.				Oiler's.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						Mean reading (cor- rected for dis- persed Fahren- heit).	Mean reading (cor- rected for dis- persed Fahren- heit).	Low. est.	High. est.	Daily Range.	Mean daily value.	De- parture from average value of 30 years.	(If the Dew Point.)	High. est.	Low. est.	Mean daily value.	Great. est.	Least.	Degree of Hu- midity (sat- uration equals 100).			Of Radiation.		High. est.	Low. est.	General Direction.	Pressure on the Square Foot.	Mean of 24 hours.	Horizontal Movement of the Air on each Day.	Departure from Average of the 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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SUN.	23	29.863	71.3	49.5	21.8	59.7	- 1.7	32.0	7.7	16.7	0.0	76	137.0	45.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air and minimum thermometers, forming the mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 29 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day. The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight, from 29.00 in at the beginning of the week to 29.84 in. The reading of the barometer decreased from 29.99 in at the beginning of the week to 29.84 in. at the end of the week, and increased to 29.94 in. at the end of the week, and to 29.98 in. at the end of the week.

GENERAL REMARKS.

DATE.	JUNE.	Registered Sunshine, in hours.	Horizon, in hours.	Remarks.
SUNDAY	23	4.8	16.6	Overcast in morning; fine afterwards, with variable amounts of cloud till evening; cloudless at night.
MONDAY	24	4.5	16.6	Overcast with slight rain in morning; partially cloudy and fine afterwards.
TUESDAY	25	9.0	16.6	Overcast and misty in morning; very fine afterwards, with little light cloud till evening; cloudless at night.
WEDNESDAY	26	13.1	16.5	A very fine warm day; cloudless generally.
THURSDAY	27	11.0	16.5	Very fine till afternoon; cloudy till evening; cloudless and very fine afterwards. Warm day.
FRIDAY	28	11.1	16.5	Very fine. Cloudless till afternoon; variable amounts of light cloud afterwards. Warm day.
SATURDAY	29	0.6	16.5	Fine generally with dense haze till afternoon; cloudy afterwards. A few drops of rain in evening. Disant thunder in afternoon.
MEANS		Sum 64.1	Sum 115.8	

The electrometer was not in action throughout the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 27. 1889. VOL. L.] WEEK ENDING SATURDAY, JULY 6. [Price 1½d.

General Register Office, Somerset House,
8th July, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 15.	June 22.	June 29.	July 6.		June 15.	June 22.	June 29.	July 6.
Birkenhead	12·7	12·2	18·3	19·8	Liverpool -	18·2	16·9	20·5	17·8
Birmingham	13·5	16·6	15·5	14·3	London -	15·0	14·9	15·2	16·2
Blackburn -	20·7	15·5	22·4	15·1	Manchester -	26·3	27·1	25·9	25·3
Bolton -	15·9	22·3	19·6	15·0	Newcastle-upon-Tyne*	20·4	23·0	21·4	29·2
Bradford* -	16·4	15·8	16·4	19·1	Norwich -	13·3	16·6	14·9	19·9
Brighton -	11·1	9·9	13·7	11·6	Nottingham -	12·7	11·2	14·9	11·2
Bristol -	16·4	14·8	13·0	15·5	Oldham -	17·6	13·9	17·6	12·1
Cardiff*	17·6	18·1	18·5	19·4	Plymouth -	20·0	20·7	18·0	20·0
Derby -	14·3	10·6	15·9	13·8	Portsmouth -	14·4	14·0	16·3	15·9
Halifax -	20·6	25·1	22·5	18·0	Preston -	33·0	26·0	23·5	29·0
Huddersfield	19·1	15·7	14·6	17·4	Salford*	15·1	20·3	20·3	24·9
Hull -	19·6	25·3	22·1	20·1	Sheffield -	17·9	17·7	16·9	18·0
Leeds -	18·7	21·9	22·6	26·9	Sunderland -	21·0	18·3	24·9	21·0
Leicester*	16·6	15·6	20·1	20·5	Wolverhampton -	23·4	15·2	19·0	15·8

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton, 1·5 in Hull, 1·7 in Manchester, 1·8 in Bolton, 1·9 in Halifax, and 2·5 in Preston; from *scarlet fever*, 1·3 in Salford, and 4·0 in Plymouth; from *whooping-cough*, 1·4 in Cardiff, 1·5 in Oldham, and 1·6 in Newcastle-upon-Tyne; and from *diarrhoea*, 2·1 in Birmingham and in Sheffield, 2·2 in Manchester, 2·6 in Liverpool, 2·7 in Sunderland, 2·9 in Bradford, 4·1 in Birkenhead, 4·9 in Salford, 5·0 in Leeds and in Preston, and 5·9 in Leicester. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 58 deaths from *diphtheria* in the twenty-eight towns included 38 in London, 4 in Manchester, 3 in Salford, 3 in Birmingham, 2 in Bristol, 2 in Bradford, and 2 in Newcastle-upon-Tyne. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2507 BIRTHS and 1350 DEATHS were registered. Allowing for increase of population, the births were 150, and the deaths 200, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·9 and 15·2 in the two preceding weeks, further rose last week to 16·2. During the thirteen weeks of last quarter the death-rate averaged 16·0 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1350 deaths included 31 from measles, 9 from scarlet fever, 38 from diphtheria, 32 from whooping-cough, 8 from enteric fever, 155 from diarrhoea

The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

and dysentery, 5 from cholera and choleraic diarrhœa; and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 278 deaths were referred to these diseases, being 30 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 15; and no small-pox patient was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 23 and 33 in the two preceding weeks, were last week 31, being but half the corrected average; 3 belonged to Fulham, 5 to Islington, 3 to White-chapel, and 4 to Greenwich sanitary areas. The 9 fatal cases of *scarlet fever* showed a further decline from recent weekly numbers, and were 23 below the corrected average; 2 belonged to Mile End Old Town and 2 to Wandsworth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 576 scarlet fever patients, against 559 and 569 on the two preceding Saturdays; 73 cases were admitted to these hospitals during the week, against 33, 44, and 64 in the three preceding weeks. The deaths from *diphtheria*, which had declined in the four previous weeks from 34 to 13, rose last week to 38, and exceeded the corrected average by 23; 3 belonged to Kensington, 2 to Pancras, 2 to Hackney, 3 to Shoreditch, 3 to Bethnal Green, 2 to White-chapel, 3 to Poplar (including 2 hospital cases admitted from 207, St. Leonards Road), 2 to Lambeth, 2 to Wandsworth, 2 to Camberwell, and 2 to Plumstead sanitary areas. The 32 fatal cases of *whooping-cough* showed an increase upon the low number in each of the two previous weeks, but were 19 below the corrected average. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the six preceding weeks from 13 to 57, further rose last week to 155, and exceeded the corrected average by 42; 124 were of infants aged under one year, 23 of children aged from one to five years, and 8 of persons aged upwards of 60 years. The deaths of 5 infants and young children were referred to infantile cholera, choleraic diarrhœa, and English cholera.

The deaths referred to *enteric fever*, which had been 7 and 8 in the two preceding weeks, were again 8 last week, and were 5 below the corrected average. The Metropolitan Asylum Hospitals contained 22 cases of enteric fever, and not one of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 5 in each of the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 171 and 169 in the preceding two weeks, further declined last week to 143, and were 65 below the corrected average.

Different forms of violence caused 51 deaths; 45 were the result of negligence or accident, among which were 20 from fractures and contusions, 10 from drowning, and 7 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the streets; 1 by accident on railway; 1 by fall from bicycle; 1 by kick from horse; 1 by fall from ladder; 1 by fall from window; 1 by fall from tree; 1 by fall down steps; 2 by fall in street; 1 by fall in passage; 1 by fall in workhouse; 1 by fall in room; 1 by fall from flat; 1 by fall of timber; 1 by kick during street brawl; and 1 by injuries from lift. An inquest was held in each of these 20 cases. Six cases of suicide were registered, being 4 below the corrected average.

The death of a carpenter, on 2nd instant, in Camberwell, aged 38 years, was referred to heat apoplexy; and the death of an ostler, in Clapham, resulted from farcy.

GREATER LONDON.

In Greater London 3269 births and 1648 deaths were registered, corresponding to annual rates of 30·2 and 15·2 per 1000 of the estimated population. In the Outer Ring 17 deaths from diarrhœa, 6 from whooping-cough, and 5 from diphtheria were registered. The fatal cases of diarrhœa included 3 in Willesden and 3 in Tottenham sub-districts; and of the deaths from diphtheria, 2 occurred in Brentford and 2 in Walthamstow sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·05 ins.; the highest reading was 30·22 ins. on Monday evening, and the lowest 29·70 ins. at the end of the week. The mean temperature of the *air* was 63°·3, and 1°·7 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Tuesday and Wednesday, whereas it exceeded the average on each of the other days of the week. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 8·3 miles per hour, which was 2·1 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 51·3 hours, against 55·1 hours at Glynde Place, Lewes.

TABLE 2.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 6th July, 1889.

CITIES AND BOROUGHES.	Cols.	POPULATION estimated to the middle of the year 1889.		Registered during the Week ending 6th July, 1889.		The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGHES.
		1.	2.	3.	Deaths of		Deaths from							Deaths in		From All		Mean.		In Inches.	In Centi- meters.						
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Causes.	From Diseases in Coles, 6-12.			Highest.	Lowest.	Fahrenheit.	Centigrade.		
28 TOWNS* LONDON BRIGHTON PORTSMOUTH NORWICH PLYMOUTH BRISTOL WOLVERHAMPTON BIRMINGHAM LEICESTER* NOTTINGHAM DERBY BIRKENHEAD LIVERPOOL LONDON MANCHESTER SALFORD* OLDHAM BLACKBURN PRESTON HUDDESFIELD LIVERPOOL HALIFAX BRADFORD LEEDS SHEFFIELD HULL SUNDERLAND NEWCASTLE* CARDIFF*	- 																										

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-SEVENTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2319	2510	2403	2443	2478	2458	2420	2458	2562	2348	2661.2	2507
Males . .	1172	1268	1216	1244	1284	1262	1199	1208	1265	1206	1343.9	1285
Females .	1147	1242	1192	1199	1194	1196	1221	1250	1297	1142	1317.3	1222
TOTAL Deaths	1208	1326	1585	1293	1521	1503	1412	1540	1610	1211	1550.0	1350
Males . .	624	679	809	688	774	773	756	812	866	627	807.8	720
Females .	584	647	776	605	747	735	656	728	744	584	742.2	630

The numbers in this column are the average weekly numbers in the twenty-seventh weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.
TOTAL Births	2509	2488	2522	2712	2565	2648	2402	2405	2523	2396	2636	2467	2507
TOTAL Deaths	1493	1426	1462	1886	1295	1231	1267	1151	1306	1247	1243	1265	1350
Ages at Death													
{ 0–20 years	671	670	708	626	577	571	608	505	601	564	575	572	722
{ 20–40 "	183	174	171	184	175	169	152	143	186	173	180	179	168
{ 40–60 "	266	214	256	266	251	205	221	209	245	227	218	232	221
{ 60–80 "	310	299	264	258	245	232	224	237	234	236	225	229	205
{ at 80 years & upwds.	63	69	63	52	47	54	62	51	40	47	45	53	34
" { Under 1 year	322	299	361	309	287	267	301	242	306	293	281	315	429
" { 1–5	251	279	273	246	218	235	222	181	205	184	203	189	208
" { 5–20	98	92	74	71	72	79	85	83	90	87	91	68	85
Deaths from Small-pox	72	70	65	68	60	53	47	31	39	32	23	33	31
" Measles	13	10	9	15	10	7	16	4	12	11	17	10	9
" Scarlet fever	36	22	29	21	23	24	21	16	34	26	27	13	38
" Diphtheria	43	51	56	55	37	36	48	49	26	37	27	27	32
" Whooping-cough	1	—	—	—	—	—	—	—	—	—	—	—	—
" Typhus	10	6	3	5	5	7	5	9	3	8	7	8	8
" Enteric fever	1	—	1	2	4	1	1	—	4	2	—	1	—
" Simple Contag. fever	11	10	18	12	10	14	13	14	19	34	40	57	155
" Diarrhoea and Dysentery	—	—	—	—	—	—	1	—	1	—	—	—	5
" Cholera	187	169	181	178	149	142	152	123	138	150	141	149	278
" all the above-mentioned Diseases	294	300	305	242	213	217	177	162	205	169	171	169	143
" Dis. of Respiratory System	152	128	164	143	125	137	148	144	174	162	155	137	138
" Phthisis	135	98	119	154	134	97	98	101	97	106	123	99	94
" Dis. of Circulatory System	68	57	69	55	66	51	48	55	58	48	53	39	51
Violent Deaths	130	111	116	107	125	85	89	104	91	109	105	90	90
Inquest Cases	325	315	331	315	310	311	342	290	323	290	324	314	280
Deaths in Public Institutions													
TEMPERATURE OF THE AIR													
Mean	48.5	46.5	47.5	50.8	57.7	54.0	61.9	55.7	64.3	56.8	59.6	64.1	63.3
Mean of Highest readings	50.4	55.3	57.8	61.9	67.9	64.5	75.1	64.9	77.2	64.0	72.4	77.1	74.6
Mean of Lowest readings	38.6	39.8	39.1	41.5	49.1	46.7	50.8	48.0	53.4	51.7	49.7	52.1	53.7
Humidity of the Air	90	84	80	79	77	85	77	82	73	89	76	71	71
Rain-fall in inches	0.56	0.16	0.75	0.79	0.71	0.19	0.51	1.33	0.31	1.73	0.60	0.02	0.60
Registered Sunshine (in hours)	8.6	12.5	31.3	39.8	37.5	27.7	49.1	47.2	50.1	3.3	65.3	54.1	51.3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SEVENTH Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 27th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 6th July 1889.										CAUSES OF DEATH.		Corrected Averages for the 27th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 6th July 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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			ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.					80 Years and upwards.		ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 8.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

[†] As the ten years average could not be correctly ascertained for the years 1897-1898, failed to report.

* The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 3. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER during the Week ending

		The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation. 1881	Total Births	Total Deaths.	Deaths of		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 10 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON		3,815,705	2507	1350	429	239	-	31	9	38	32	-	8	-	155	51	90	280	23		
West Districts		693,433	435	229	80	44	-	5	1	6	7	-	2	-	25	4	11	50	4		
North Districts		905,947	564	284	84	57	-	6	4	12	8	-	2	-	27	10	15	57	-		
Central Districts		282,238	135	96	29	13	-	2	-	3	2	-	1	-	12	2	9	36	1		
East Districts		692,738	432	265	89	35	-	4	2	6	4	-	1	-	40	13	20	53	3		
South Districts		1,265,148	891	476	147	90	-	14	2	11	11	-	2	-	51	23	35	79	15		
METROPOLITAN ASYLUM FOR FETALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		69888	52	28	9	10	-	-	-	-	1	-	-	-	4	1	2	7	-		
St. John Paddington H - - G.J.		57980	23	14	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kensington Town WH - - W.M.		120141	60	32	9	8	-	-	-	2	-	-	1	-	4	-	3	4	-		
Brompton H - - W.M. & C.		48010	19	12	2	3	-	-	-	1	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith - - W.M.		7899	3	2	1	-	-	-	-	-	1	-	-	-	2	1	1	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	51	19	6	3	-	3	1	2	-	-	-	5	1	2	7	-			
Fulham WH - - W.M. & C.		42900	65	26	12	1	-	-	-	-	1	-	-	-	3	-	-	-	-		
Chelsea South HHH - - C.		6396	17	13	8	2	-	-	-	-	1	-	-	-	1	-	-	3	-		
Chelsea North-west WHHHH - C.		24925	23	13	5	3	-	-	-	-	1	-	-	-	3	-	-	-	-		
Chelsea North-east - - C.		32807	22	7	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WH - - G.J.		80353	8	6	1	2	-	-	-	-	-	-	1	-	-	-	-	4	1		
Belgrave WHHH - - C.		59220	31	16	-	4	-	1	-	-	-	-	1	-	-	-	-	2	-		
St. John Westminster HHH - C.		35496	26	7	2	-	-	-	-	-	-	-	-	-	2	-	1	5	1		
St. Margaret Westminster H - C.		24679	13	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Westminster WHH N.R. & G.J.		29941	15	12	4	1	-	-	-	1	1	-	-	-	1	-	-	1	-		
St. Anne Soho HHHHHH - N.R.		16608	7	6	4	-	-	1	-	-	-	-	-	-	1	-	-	-	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - W.M.		26759	14	11	3	1	-	-	-	-	-	-	-	-	-	1	1	7	-		
Cavendish Square HHHH - W.M.		14991	5	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
Rectory Marylebone WH G.J. & W.M.		24909	8	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	21	5	2	2	-	-	-	-	-	-	1	-	1	-	-	-	-		
Christchurch Marylebone HHH - W.M.		33700	22	8	4	1	-	-	-	-	-	-	-	-	2	-	-	-	-		
St. John Marylebone H - - W.M.		33633	11	4	3	1	-	-	-	-	-	-	-	-	-	1	1	5	-		
Hampstead WHHH N.R. & W.M.		45452	20	10	1	3	-	-	1	1	-	-	-	-	-	-	-	-	-		
Regent's Park Paneras H - - W.M.		39115	20	5	2	1	-	-	-	-	-	-	-	-	-	-	1	1	5		
Tottenham-court WHHHH N.R. & W.M.		27729	12	12	4	2	-	-	-	1	-	-	-	-	-	1	1	5	-		
Gray's Inn Lane HHH - - N.R.		80247	19	23	9	5	-	-	-	-	1	-	-	-	4	-	-	6	-		
Somers Town H - - N.R.		84589	19	11	6	2	-	-	-	-	1	-	-	-	-	-	-	1	-		
Camden Town WH - - N.R.		17311	12	9	-	-	-	-	-	-	-	-	-	-	-	2	3	5	-		
Kentish Town W - - N.R.		87487	61	19	9	2	-	-	-	-	1	-	-	-	-	2	8	3	-		
Upper Holloway WHWH - - N.R.		67916	46	33	4	10	-	1	-	1	-	-	-	-	2	-	1	15	-		
Islington South-west HH - - N.R.		109976	65	30	17	2	-	4	-	2	-	-	-	-	9	-	-	1	-		
Islington South-east - - N.R.		61835	48	12	1	1	-	-	-	-	1	-	1	-	1	-	-	-	-		
Highbury H - - N.R.		62043	25	14	6	2	-	-	-	-	1	-	-	-	1	-	-	-	-		
Stoke Newington H - - N.R.		22731	20	8	-	1	-	1	1	-	1	-	-	-	-	1	2	-	-		
Stamford Hill - - E.L.		9277	4	2	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-		
West Hackney H - - N.R.		37610	23	8	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
Hackney WHWHH - - E.L. & N.R.		76911	55	35	3	10	-	-	2	6	1	-	-	-	-	-	-	11	-		
South Hackney - - E.L.		39383	34	15	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - N.R.		16681	8	4	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.R.		14864	3	6	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-		
St. Giles North - - N.R.		18837	5	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	4	10	1	2	-	-	-	-	-	-	-	-	-	-	2	4	-		
St. Mary-le-Strand H - - N.R.		7515	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Clement Danes H - - N.R.		8569	1	5	2	-	-	-	-	-	-	-	-	-	1	-	-	4	-		
Strand Union Workhouse, Edmonton w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
St. Geo. the Martyr HHHHHH N.R.		18071	7	4	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-		
St. Andrew Eastern W - - N.R.		10706	5	3	1	1	-	1	-	-	-	-	-	-	1	-	-	-	-		
Saffron Hill H - - N.R.		6533	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - N.R.		17516	8	7	6	-	-	-	-	-	-	-	-	-	5	-	1	-	-		
Amwell Clerkenwell - - N.R.		19281	13	6	4	-	-	-	-	-	1	-	-	-	1	-	-	-	1		
Pentonville - - N.R.		14773	9	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
Goswell-street - - N.R.		17595	15	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - N.R.		11541	8	5	2	-	-	1	-	-	-	-	-	-	1	-	-	1	-		
City-road HHL - - N.R.		18628	19	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitecross-street - - N.R.		9217	4	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finsbury - - N.R.		7483	4	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
Holborn Union Workhouse, Mitcam w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Botolph H - - N.R. & E.L.		11174	8	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - N.R.		7193	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - N.R.		5353	2	18	1	-	-	-	-	2	-	-	1	-	-	1	2	18	-		
St. Bride W - - N.R.		8396	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - N.R.		13666	1	3	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-		
Broad Street H - - N.R.		9632	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 8th July, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	762	298	80	62	1	3	1	5	6	2	17	8	21	2	
30:1	Carshalton <i>wL</i> -	12228	21118	8	4	1	1	-	-	-	-	-	-	-	-	-	-	
2	Epsom (part of)* <i>WwH</i>	9971	10710	4	1	1	-	-	-	-	-	-	-	-	-	-	-	
37:1	Godstone (part of)* -	2764	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHL</i> -	20851	101241	55	28	4	8	-	-	-	-	-	-	2	-	1	4	
2	Mitcham <i>w†</i> -	11097	17932	12	6	1	2	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	3220	15960	9	5	2	-	-	-	-	1	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	20	12	6	-	-	-	-	-	1	-	-	-	1	-	
3	Esher (part of)* -	6601	9221	7	1	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	18539	10	8	3	1	-	-	-	-	-	-	1	1	1	-	
40:1	Richmond <i>WH</i> -	2272	21809	8	6	3	2	-	-	-	-	-	-	-	-	-	1	
2	Mortlake -	2941	12331	8	6	1	1	-	-	-	-	-	-	-	1	2	-	
41:1	Bromley (pt. of)* <i>HH</i>	15669	31142	13	11	1	4	-	-	-	-	-	-	-	2	2	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14807	16944	10	4	-	1	-	-	-	-	-	-	-	-	1	1	
42:1	Bexley <i>H</i> -	13437	24134	19	6	-	4	-	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury <i>w</i> -	11055	11635	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon <i>WHH</i> -	6029	10802	6	5	-	2	-	-	-	-	-	-	-	-	-	3	
2	Uxbridge -	6178	3225	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	5	2	-	1	-	-	-	-	-	-	-	-	-	2	
126:1	Isleworth <i>WHH</i> -	7008	23727	12	10	-	5	-	-	-	-	1	-	-	-	2	2	
2	Twickenham <i>H</i> -	2477	12479	6	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27649	26	15	2	2	-	-	-	2	-	-	1	-	1	1	
4	Chiswick -	1340	15975	21	2	1	1	-	-	-	-	-	-	-	1	1	-	
5	Acton <i>wH</i> -	6083	22876	19	16	6	2	-	1	-	-	1	-	-	1	4	-	
127:1	Harrow <i>H</i> -	18309	12796	12	3	3	-	-	-	-	-	-	-	1	-	-	-	
2	Edgware <i>H</i> -	6994	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	63	15	7	2	-	-	-	-	-	-	3	-	1	-	
4	Hendon <i>W</i> -	8382	10484	13	4	2	1	-	-	-	-	-	-	1	-	1	-	
127:1	Bushey -	9831	6631	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128:1	South Mimms -	15399	6391	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10092	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4688	17615	13	10	-	-	-	-	-	-	-	-	-	-	-	7	
128:1	Hatfield (part of)* -	3306	582	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i> -	3039	37078	31	11	5	1	-	1	-	-	1	-	2	-	-	-	
2	Tottenham <i>H</i> -	4642	46456	23	14	7	3	-	-	-	-	-	-	3	-	-	1	
3	Edmonton <i>Ww†</i> -	7453	23463	18	2	1	-	-	-	-	-	-	-	-	-	-	-	
4	Enfield <i>WH</i> -	12653	19104	21	4	-	2	-	-	-	-	-	-	-	-	1	-	
5	Waltham Abbey -	11017	5368	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8480	7735	4	3	-	1	-	-	-	-	-	-	-	-	-	-	
126:1	Stratford -	882	38606	33	4	-	-	-	-	-	-	-	-	-	-	-	-	
2	West Ham <i>wvwwH‡</i> -	7351	101053	106	40	11	3	1	1	1	-	2	1	2	2	2	1	
3	Leyton <i>WwL</i> -	4373	32430	37	13	3	5	-	-	-	-	1	-	-	-	-	1	
4	Walthamstow <i>H</i> -	6590	28869	36	13	2	2	-	-	-	2	-	-	-	-	-	-	
127:1	Chigwell (part of)* <i>H</i>	11761	9889	7	2	-	2	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Romford (part of)* <i>W</i>	6730	3411	6	-	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8498	7645	18	4	2	2	-	-	-	-	-	-	-	-	-	1	
3	Barking Town -	4127	9203	6	3	3	-	-	-	-	-	-	-	1	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 12855); 37:1, the parishes of Warlingham and Farley in Godstone; 38:2, Esher sub-district, except the parish of Esher (pop. 12855); 39:1, the parishes of Cudham and Keston (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Ha sub-district; 127:1, Chigwell sub-district, except the parish of Thevdon Bois (pop. 875); 129:1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 127:2, Watford, and 127:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th July, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16		
WATER LONDON	448,334	5,642,015	15.2	2.8	1648	509	301	1	34	10	43	38	10	172	59	306		
INNER LONDON -	77,410	4,351,738	16.2	3.3	1350	420	239	-	31	9	38	32	8	155	51	280		
OUTER RING -	370,924	1,290,277	12.1	1.4	298	80	62	1	3	1	5	6	2	17	8	26		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 60.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,612,869 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
LOUTTA -	433,219	May 11	-	201	24.2	4	-	-	-	-	56	40†	
OMBAY -	773,196	June 11	-	-	-	-	-	-	-	-	-	-	
ADRAS -	398,777	May 3	310	333	43.6	4	47	?	?	?	74	42	
		" 10	325	340	44.3	3	53	?	?	?	78	49†	
DIS -	2,260,945	June 29	1148	878	20.2	-	26	6	27*	15	16	93	
RUSSIA (St. Petersburg & 8 Faubourgs.)	471,606	" 29	253	168	17.4	-	1	-	1	-	2	28	
AMSTERDAM -	403,083	" 29	254	194	25.2	-	4	-	3	6	1	-	
ROTTERDAM -	197,723	" 29	141	113	29.6	-	16	-	2	-	-	2	
THE HAGUE -	153,440	" 29	100	55	18.6	-	-	-	-	-	2	-	
COPENHAGEN -	307,000	" 22	186	182	22.4	-	1	-	10	4	1	16	
STOCKHOLM -	228,218	" 22	152	92	20.9	-	-	1	4*	-	-	26	
CHRISTIANIA -	138,300	" 29	71	85	32.0	-	1	-	4	2	-	30	
S. PETERSBURG	842,883	" 22	-	555	31.4	2	7	14	8	4	25	104	
BERLIN -	1,470,582	" 15	898	1224	42.8	-	9	4	18	10	3	640	
AMBURG (State)	875,276	" 22	395	220	20.0	-	-	4	8*	4	1	46	
BRISDEN -	264,196	" 22	169	115	23.6	?	-	-	5*	?	-	25	
BRISLAV -	315,000	" 29	203	210	35.0	-	4	-	4*	1	-	79	
UNION -	281,000	" 22	238	179	32.7	-	5	-	6*	-	-	48	
IRENA -	811,434	" 22	464	369	23.6	1	8	1	9	2	-	60	
LAGUE -	304,856	" 22	-	180	30.9	7	3	-	8	9	1	8	
JUDA-PESTH -	452,907	" 22	280	251	28.8	-	-	-	8	6	6	39	
ERESTH -	158,084	" 22	-	55	18.1	-	-	-	1	-	-	6	
ROME -	401,044	May 18	209	182	23.6	4	4	1	9	1	4†	9	
TURIN (11 days)-	306,398	" 31	255	200	21.7	-	15	2	6	3	3	18	
VENICE -	153,375	June 15	85	84	28.6	2	4	-	-	2	-	9	
CAIRO -	374,338	" 6	375	383	54.0	14	6	-	1	5	26	130	
ALEXANDRIA -	231,396	" 6	173	178	40.1	3	1	-	1	-	5	51	
NEW YORK -	1,549,500	" 15	-	718	24.2	-	8	26	50	19	4	56	
BROOKLYN -	814,505	" 15	-	377	24.2	-	3	3	15	7	1	55	
PHILADELPHIA -	1,040,245	" 15	-	395	19.8	-	11	5	6	1	14	22	
BALTIMORE -	500,343	" 15	-	155	16.2	-	1	-	2	1	3	19	

* Including deaths from croup.

† Including 21 deaths from cholera in Calcutta, and 1 in Madras.

‡ Malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th JULY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.		TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a gauge whose surface is 5 inches above the average of Ground.	
				Of the Air.		Of the Air and Dew Point Temperature.		Of Radiation.		Of the Water of the Thames at Deptford.		General Direction.		Pressure on the Square Foot.				Robinson's.
MORNING AND DAY.		Mean range, daily average value.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.		Mean daily value.	
JUNE.		30		30		30		30		30		30		30		30	
SUN.	30	30.116	79.4	55.7	23.7	67.3	+ 5.6	52.7	14.6	25.5	0.4	60	137.0	47.1	..	..	..
MON.	1	30.209	74.0	54.1	19.9	63.1	+ 1.5	51.6	11.5	20.1	4.2	66	140.0	47.5	..	..	..
TUES.	2	30.177	69.1	51.9	17.2	59.2	- 2.3	48.6	10.6	18.7	2.0	68	119.4	43.8	..	..	..
WED.	3	30.061	65.0	54.0	11.0	53.7	- 2.7	52.3	6.4	11.2	2.5	80	89.2	50.0	..	..	..
THURS.	4	29.986	73.2	55.5	17.7	61.7	+ 0.3	55.4	6.3	16.7	1.0	80	134.0	53.0	..	..	..
FRI.	5	29.995	80.5	54.6	25.9	66.2	+ 4.7	53.7	12.5	26.7	0.0	84	145.8	45.5	..	..	..
SAT.	6	29.837	81.2	50.3	30.9	66.7	+ 5.0	51.2	15.5	26.7	0.0	58	128.5	41.7	..	..	..
MEANS	..	30.054	74.6	53.7	20.9	63.3	+ 1.7	52.2	11.1	20.8	1.4	71	127.7	47.1	..	..	..
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GENERAL REMARKS.																	
The height of the cistern of the barometer is 153 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.																	
Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.																	
The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.																	
In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.																	
The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.																	
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.																	
The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.																	
The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.																	
The reading of the barometer increased from 80.10 in. at the beginning of the week to 80.22 in. by 9h. P.M. on the 1st of July; and decreased to 29.70 in. by the end of the week.																	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 28. 1889. VOL. L.] WEEK ENDING SATURDAY, JULY 13. [Price 1½d.

General Register Office, Somerset House,
15th July, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·5 per 1000. The death-rates in each of the several towns were:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 22.	June 29.	July 6.	July 13.		June 22.	June 29.	July 6.	July 13.
Birkenhead	12·2	18·3	19·8	22·4	Liverpool -	16·9	20·5	17·8	24·6
Birmingham	16·6	15·5	14·3	22·6	London -	14·9	15·2	16·2	19·3
Blackburn -	15·5	22·4	15·1	23·7	Manchester -	27·1	25·9	25·3	26·7
Bolton -	22·3	19·6	15·0	26·4	Newcastle-on-Tyne*	23·0	21·4	29·2	31·8
Bradford*	15·8	16·4	19·1	22·9	Norwich -	16·6	14·9	19·9	16·0
Brighton -	9·9	13·7	11·6	15·9	Nottingham -	11·2	14·9	11·2	20·4
Bristol -	14·8	13·0	15·5	16·4	Oldham -	13·9	17·6	12·1	20·5
Cardiff*	18·1	18·5	19·4	20·8	Plymouth -	20·7	18·0	20·0	24·0
Derby -	10·6	15·9	13·8	19·6	Portsmouth -	14·0	16·3	15·9	22·5
Halifax -	25·1	22·5	18·0	20·6	Preston -	26·0	23·5	29·0	30·5
Huddersfield	15·7	14·6	17·4	12·9	Salford* -	20·3	20·3	24·9	26·7
Hull -	25·3	22·1	20·1	22·3	Sheffield -	17·7	16·9	18·0	23·3
Leeds -	21·9	22·6	26·9	25·8	Sunderland -	18·3	24·9	21·0	30·3
Leicester*	15·6	20·1	20·5	28·1	Wolverhampton -	15·2	19·0	15·8	14·5

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 3·2 in Halifax, 3·3 in Hull, and 4·5 in Preston; from *scarlet fever*, 1·1 in Salford and in Huddersfield, and 3·3 in Plymouth; from *whooping-cough*, 1·3 in Bradford and in Plymouth, and 1·6 in Newcastle-upon-Tyne; from "*fever*," 1·0 in Birkenhead; and from *diarrhœa*, 5·0 in Preston, 5·5 in Bradford and in Leeds, 8·3 in Leicester, 8·9 in Salford, and 9·3 in Sunderland. The 38 deaths from *diphtheria* in the twenty-eight towns included 25 in London and 3 in Manchester. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2306 BIRTHS and 1606 DEATHS were registered. Allowing for increase of population, the births were 433, and the deaths 109, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·9, 15·2, and 16·2 in the three preceding weeks, further rose last week to 19·3. During last quarter the mean death-rate was 16·0 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1606 deaths included 30 from *measles*, 9 from *scarlet fever*, 25 from *diphtheria*, 26 from *whooping-cough*, 8 from *enteric fever*, 2 from ill-defined forms of continued fever, 258 from *diarrhœa* and *dysentery*, and 10 from *cholera* and *choleraic diarrhœa*; thus, 368 deaths were referred to these diseases, being 67 below the corrected average weekly number.

The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

No death from *small-pox* was registered, the corrected average being 10. The fatal cases of *measles*, which had been 33 and 31 in the two preceding weeks, were last week 30, and but half the corrected average; 13 belonged to the sanitary areas of South London. The 9 deaths from *scarlet fever* corresponded with the number in the previous week, and were 23 below the corrected average. The 25 deaths from *diphtheria* showed a decline of 13 from the number in the previous week, but exceeded the corrected average by 9; 4 belonged to Shoreditch, 5 to Bethnal Green, and 3 to Lambeth sanitary areas. The fatal cases of *whooping-cough*, which had been 27 and 32 in the two preceding weeks, declined again last week to 26, and were 28 below the corrected average. The 8 deaths from *enteric fever* corresponded with the number in each of the two previous weeks, and were 6 below the corrected average. The deaths attributed to *diarrhœa* and *dysentery*, which had been 57 and 155 in the two preceding weeks, further rose last week to 258, and exceeded the corrected average by 22. Ten deaths were referred to choleraic diarrhœa, infantile cholera, sporadic cholera, or English cholera, being one below the corrected average. The 158 deaths from diseases of the respiratory organs were 46 below the corrected average.

GREATER LONDON.

In Greater London 3016 births and 1950 deaths were registered, corresponding to annual rates of 27·9 and 18·0 per 1000 of the estimated population. In the Outer Ring 29 deaths from diarrhœa, 6 from diphtheria, and 5 from whooping-cough, were registered. The fatal cases of diarrhœa included 5 in Leyton, 4 in Tottenham, 3 in Willesden, and 3 in West Ham sub-districts; and 3 of the 6 deaths from diphtheria occurred in West Ham sub-district.

DEATHS BELONGING TO THE SEVERAL SANITARY AREAS OF REGISTRATION LONDON registered in the 13 WEEKS ENDING ON 29TH JUNE, 1889.

SANITARY AREAS.	Total Deaths from all Causes.	Deaths from Principal Zymotic Diseases.									Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhœa.		
REGISTRATION LONDON	17,010	-	665	118	309	541	1	80	17	268	5939	120
West.												
Paddington - - - - -	889	-	2	3	7	2	-	2	-	3	69	101
Kensington - - - - -	596	-	2	5	1	25	6	3	1	8	105	115
Hammer Smith - - - - -	383	-	3	1	6	4	-	-	1	4	86	116
Fulham - - - - -	346	-	11	2	3	21	-	-	1	8	88	110
Chelsea - - - - -	425	-	11	2	7	21	-	1	1	5	87	123
St. George Hanover Square - - - - -	304	-	14	1	4	19	-	1	1	2	59	132
Westminster - - - - -	263	-	34	2	1	10	-	-	-	6	46	121
St. James Westminster - - - - -	138	-	18	2	-	5	-	-	-	2	23	230
NORTH.												
Marylebone - - - - -	660	-	16	-	10	19	-	1	-	9	135	118
Hampstead - - - - -	206	-	2	-	1	10	-	-	-	2	50	133
Pancras - - - - -	1015	-	29	7	12	44	-	9	-	11	224	123
Islington - - - - -	1186	-	70	8	10	44	-	7	3	16	267	112
Hackney - - - - -	744	-	18	3	23	25	-	5	-	6	162	94
CENTRAL.												
St. Giles - - - - -	188	-	10	3	3	4	-	1	-	9	81	100
St. Martin-in-the-Fields - - - - -	89	-	-	-	-	2	-	-	-	-	13	194
Strand - - - - -	159	-	6	-	1	3	-	3	-	5	82	181
Holborn - - - - -	176	-	6	-	5	2	-	-	-	2	81	144
Clerkenwell - - - - -	327	-	5	3	5	11	-	1	1	9	93	165
St. Luke's - - - - -	223	-	-	4	3	5	-	-	-	4	65	118
London City - - - - -	164	-	4	3	2	-	-	2	1	1	18	82
EAST.												
Shoreditch - - - - -	566	-	6	5	12	3	-	-	1	13	145	127
Bethnal Green - - - - -	570	-	23	3	10	12	-	1	2	12	156	138
Whitechapel - - - - -	351	-	26	2	7	2	-	-	-	11	86	121
St. George-in-the-East - - - - -	255	-	2	-	7	-	-	1	-	11	75	134
Stepney - - - - -	310	-	5	8	14	3	-	-	1	8	67	135
Mile End Old Town - - - - -	413	-	10	6	11	6	-	5	-	6	106	112
Poplar - - - - -	675	-	5	1	14	30	-	2	1	7	139	95
SOUTH.												
St. Saviour Southwark - - - - -	152	-	3	-	1	2	-	-	-	3	83	148
St. George Southwark - - - - -	343	-	50	5	8	4	-	-	-	4	88	147
Newington - - - - -	610	-	46	10	14	32	-	3	-	9	171	107
St. Olave Southwark - - - - -	61	-	4	-	1	1	-	1	1	-	15	121
Bermondsey - - - - -	401	-	22	4	3	22	-	2	-	3	98	118
Rotherhithe - - - - -	168	-	9	9	6	14	-	1	-	5	87	105
Lambeth - - - - -	1097	-	23	21	80	19	-	-	-	16	252	112
Battersea - - - - -	517	-	16	10	6	25	-	10	1	11	135	132
Wandsworth - - - - -	426	-	9	1	10	18	-	1	-	12	101	99
Camberwell - - - - -	862	-	39	7	11	45	-	12	1	12	210	114
Greenwich - - - - -	655	-	71	4	9	28	1	2	-	17	172	128
Lewisham (excluding Penge) - - - - -	198	-	10	5	-	10	-	1	-	2	42	93
Woolwich - - - - -	174	-	9	-	-	1	-	1	-	1	38	110
Plumstead - - - - -	325	-	81	5	5	7	-	1	-	1	66	102

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 37 that occurred outside that area in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals, have been distributed to the sanitary areas from which the deceased inmates were admitted. On the other hand the deaths of 334 non-residents who died in Public Institutions inside London have been excluded from the Table.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·66 ins.; the lowest reading was 29·42 ins. on Wednesday afternoon, and the highest 29·83 ins. on Thursday evening. The mean temperature of the air was 63°·0, and 0°·3 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Monday and Wednesday, whereas it exceeded the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·2 miles per hour, which was 1·5 miles below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·72 of an inch. The duration of registered bright sunshine in the week was 23·0 hours, against 22·2 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JUNE 1889; according to their returns 180,877,584 gallons or 821,810 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight), were supplied daily; or 241 gallons (109·5 decalitres), rather more than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 30·8 gallons (14·0 decalitres) to each person, against 30·4 gallons during June 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	JUNE. 1888.	JUNE. 1889.	JUNE. 1888.	JUNE. 1889.
TOTAL SUPPLY . . .	735,616	751,877	175,570,123	180,877,584
From Thames	356,318	362,662	87,971,114	91,461,781
From Lea and from other Sources . . .	379,298	389,215	87,599,009	89,415,803
THAMES.				
Chelsea	34,559	34,967	10,185,300	10,215,697
West Middlesex	70,486	71,876	16,139,223	17,168,359
Southwark and Vauxhall	109,629	111,112	24,790,852	25,503,716
Grand Junction	54,247	55,497	18,399,439	19,104,609
Lambeth	87,397	89,210	18,456,300	19,469,400
LEA AND OTHER SOURCES.				
New River	150,340	152,360	32,924,000	33,880,000
East London	158,314	164,686	41,727,954	42,227,997
Kent	70,644	72,160	12,947,055	13,307,806

Note.—The Return for June 1889, as compared with that for the corresponding month of 1888, shows an increase of 16,261 houses, and of 5,307,461 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JUNE.

*Water-analysis Laboratory, The Yews, Reigate,
12th July, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of June.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·8, Tottenham 1·0, Colne Valley 1·2, Grand Junction 1·5, New River 1·6, Lambeth 2·0, West Middlesex 2·6, East London 2·7, Southwark 3·4, and Chelsea 3·8.

The water drawn from the Thames by the Chelsea, West Middlesex, and Southwark Companies was inferior in quality of that delivered in May, but the Lambeth Company's water was superior, whilst that sent out by the Grand Junction Company contained, for river water, a remarkably small proportion of organic matter, surpassing in this respect even the New River Company's supply. All the Thames water were efficiently filtered.

The water abstracted chiefly from the River Lea by the New River and East London Companies was efficiently filtered. The New River Company's supply was superior, whilst that of the East London Company was inferior to the water delivered by these Companies respectively in May.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity. The Colne Valley Company's waters was softened before delivery, and was thus rendered suitable for washing. These waters require no filtration. They were clear and bright.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and nearly colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city exhibited "a decided diminution in the amounts of organic carbon and nitrogen as compared with the three previous samples, and it was not so turbid."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.		°								
	Chelsea - - -	June 21st, Cab Rank, Horse Guards, Whitehall.	17·7	27·78	·186	·037	0	·207	·244	1·6	18·3
	West Middlesex -	June 21st, Cab Rank, Portland-road.	18·5	29·14	·125	·030	0	·211	·241	1·7	19·1
	Southwark - - -	June 21st, Cab Rank, Bricklayers Arms, Old Kent-road.	17·5	30·60	·147	·054	0	·213	·267	1·7	20·6
	Grand Junction -	June 21st, Cab Rank, Uxbridge-road, near Marble Arch.	19·5	28·38	·067	·022	0	·191	·213	1·7	19·7
	Lambeth - - -	June 21st, Cab Rank, St. George's- road, Southwark.	17·6	29·76	·092	·028	0	·230	·258	1·7	19·7
	LEA.										
Outer Circle.	New River - - -	June 21st, Cab Rank, Tottenham Court-road.	18·7	30·14	·071	·023	0	·250	·273	1·7	20·3
	East London - -	June 21st, Fire Brigade Station, Commercial-road, E.	18·3	32·50	·134	·026	0	·239	·265	2·0	21·5
	DEEP WELLS.										
	Kent - - - - -	June 21st, Mill Lane, Deptford.	11·8	44·14	·045	·005	0	·449	·454	2·6	30·8
	Colne Valley - -	25th June, Bushey.	—	18·70	·053	·017	·016	·406	·436	2·2	7·7
	Tottenham - - -	19th June, Tottenham.	—	40·20	·043	·014	·015	·021	·047	2·9	20·9
	Corporation of Birming- ham* - - - - -	June 21st, Western Place, St. Vincent Street.	11·1	26·82	·156	·038	·001	·220	·259	1·7	14·1
	Corporation of Glasgow†.	June 17th, Loch Katrine Water.	13·5	2·70	·145	·035	0	·004	·039	0·7	0·95
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 21st June at the Horse Guards cab-rank, had a temperature of 17°·7 C.; 100,000 lbs. of it contained 27·78 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·186 lb. of carbon and ·037 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·207 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·244 lb. The above weight of water also contained 1·6 lbs. of chlorine; and 18·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 2.—BIRTHS, DEATHS, AND METEOROLOGY IN 23 GREAT TOWNS, during the Week ending 13th July, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of 1886.		Registered during the Week ending 18th July, 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGHES.				
	1.	2.	3.	4.	5.	Deaths from					Violence.	Inquest Cases.	Deaths in Public Institutions.	Unsettled Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Lowest.		Mean.	Conifgrade.	In Inches.		In Centigrade.			
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.							Fever.	Diarrhoea.								
Cols.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.				
28 TOWNS*.	9,555,406	5323	3937	1477	704	-	104	43	38	80	39	640	160	262	630	91	21.5	5.2	77.3	43.0	59.2	15.11	0.91	23.	24.	28 TOWNS.
LONDON.	4,851,738	2306	1606	617	320	-	30	9	25	26	10	258	83	129	358	18	19.3	4.3	76.1	52.1	63.0	17.22	0.72	1.83	LONDON.	
BRIGHTON.	121,807	48	37	6	9	-	-	-	1	1	1	4	3	2	7	1	15.9	3.4	72.0	55.0	61.2	16.22	1.02	2.59	BRIGHTON.	
PORTSMOUTH.	141,253	95	61	33	7	-	-	-	-	-	-	2	1	2	1	-	16.0	1.1	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH.	94,510	45	29	12	9	-	-	-	-	-	-	-	-	-	3	1	24.0	7.3	76.3	51.0	60.4	15.78	2.12	5.88	NORWICH.	
PLYMOUTH.	78,225	44	36	7	8	-	-	-	2	1	-	2	-	4	10	15	16.4	0.9	70.8	51.5	59.3	15.17	0.65	1.65	PLYMOUTH.	
BRISTOL.	229,861	187	72	16	21	-	-	-	-	-	-	1	-	4	4	6	14.5	1.9	77.3	43.0	57.3	14.06	0.91	2.31	BRISTOL.	
WOLVERHAMPTON.	82,544	42	23	10	5	-	-	-	-	-	-	-	-	4	4	6	14.5	1.9	77.3	43.0	57.3	14.06	0.91	2.31	WOLVERHAMPTON.	
BIRMINGHAM.	454,835	245	197	66	36	-	3	4	2	1	2	37	11	15	35	8	22.6	5.6	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER.	150,820	86	81	41	13	-	3	-	-	-	-	24	2	7	3	-	23.1	9.4	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM.	237,812	133	83	35	19	-	1	-	-	1	2	13	-	2	9	1	20.4	3.7	77.3	43.0	59.8	15.44	0.67	1.70	NOTTINGHAM.	
DERBY.	98,629	54	37	8	10	-	-	-	-	-	1	4	-	3	3	1	19.6	2.6	-	-	-	-	-	-	DERBY.	
BIRKENHEAD.	102,611	51	44	18	6	-	1	1	-	1	5	4	5	2	3	4	22.4	5.1	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL.	606,562	341	286	118	37	-	2	4	1	1	5	4	16	17	43	24	26.4	6.0	68.0	47.8	56.9	13.83	0.57	1.45	LIVERPOOL.	
ROTON.	114,670	65	58	23	4	-	3	1	-	1	1	10	2	2	4	1	26.7	6.3	-	-	-	-	-	-	ROTON.	
MANCHESTER.	378,800	237	194	59	35	-	8	3	3	5	3	24	5	10	49	2	26.7	6.3	-	-	-	-	-	-	MANCHESTER.	
SALFORD.	234,283	120	120	59	9	-	2	5	1	2	1	40	4	6	11	3	26.7	11.4	-	-	-	-	-	-	SALFORD.	
OLDHAM.	142,405	73	56	19	9	-	-	-	-	-	-	4	1	3	5	7	20.5	1.8	-	-	-	-	-	-	OLDHAM.	
BLACKBURN.	121,275	86	55	15	7	-	1	2	-	1	1	3	3	3	1	23.7	3.4	-	-	-	-	-	-	-	BLACKBURN.	
PRESTON.	104,104	91	61	27	7	-	1	0	-	3	-	10	2	2	3	3	30.5	11.5	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD.	92,625	37	23	4	4	-	2	2	-	-	-	3	2	2	5	-	20.6	3.9	-	-	-	-	-	-	HUDDESFIELD.	
HALIFAX.	81,080	49	32	10	12	-	5	-	-	-	-	-	-	-	3	1	22.9	8.0	-	-	-	-	-	-	HALIFAX.	
BRADFORD.	235,056	113	103	44	15	-	4	-	-	6	1	25	-	2	6	5	22.9	8.0	75.5	46.7	58.7	14.83	0.31	0.79	BRADFORD.	
LEEDS.	357,449	212	177	67	32	-	11	1	-	1	6	38	-	1	9	15	25.8	8.3	-	-	-	-	-	-	LEEDS.	
SHEFFIELD.	187,827	187	146	63	26	-	1	2	-	5	1	27	2	4	5	8	23.3	6.0	-	-	-	-	-	-	SHEFFIELD.	
HULL.	208,017	120	89	24	15	-	13	-	-	4	-	7	5	5	12	-	22.3	6.0	-	-	-	-	-	-	HULL.	
SUNDERLAND.	134,163	77	78	31	10	-	-	-	-	3	1	24	3	9	2	2	30.3	11.3	-	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE*.	160,983	147	98	38	15	-	2	-	-	1	1	11	1	4	6	-	31.8	6.8	68.0	48.0	56.4	13.56	1.18	3.00	NEWCASTLE.	
CARDIFF*.	112,712	82	45	17	4	-	-	-	-	1	-	1	1	1	6	-	20.8	2.3	-	-	-	-	-	-	CARDIFF.	
EDINBURGH.	266,900	135	85	27	16	-	1	-	-	1	2	7	3	8	16	14	16.6	9.2	68.8	42.0	54.8	13.67	2.54	6.45	EDINBURGH.	
GLASGOW.	528,144	329	227	65	29	-	8	1	1	16	4	21	9	2	33	20	23.4	5.0	70.8	42.1	55.2	12.89	1.39	3.53	GLASGOW.	
DUBLIN.	363,082	153	110	25	21	-	-	-	-	2	4	5	2	2	36	8	16.3	1.6	70.0	36.3	55.1	12.83	0.89	2.26	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-EIGHTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2604	2418	2583	2483	2534	2409	2411	2626	2577	2520	2738·7	2306
Males . .	1302	1234	1262	1267	1275	1232	1267	1384	1318	1280	1398·1	1186
Females .	1302	1184	1271	1216	1259	1177	1144	1242	1259	1240	1340·6	1120
TOTAL Deaths	1179	1441	1816	1347	1736	1849	1616	1680	1774	1288	1714·9	1606
Males . .	598	752	979	718	873	957	848	878	914	660	891·7	839
Females .	581	689	837	629	863	892	768	802	860	628	823·2	767

The numbers in this column are the average weekly numbers in the twenty-eighth weeks of the ten years 1879-88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.
TOTAL Births - -	2488	2522	2712	2565	2648	2402	2405	2523	2396	2636	2467	2507	2306
TOTAL Deaths - -	1426	1462	1886	1295	1231	1267	1151	1306	1247	1243	1265	1350	1606
Ages at Death													
{ 0—20 years -	670	708	626	577	571	608	506	601	564	575	572	722	902
{ 20—40 " -	174	171	184	175	169	152	143	186	173	180	179	168	152
{ 40—60 " -	214	256	266	251	205	221	209	245	227	218	232	221	232
{ 60—80 " -	299	264	258	245	232	234	237	234	236	225	229	205	257
{ at 80 years & upwds.	69	63	52	47	54	62	51	40	47	45	53	34	63
"													
{ Under 1 year -	299	361	309	287	267	301	242	306	293	281	315	429	617
{ 1—5 -	279	273	246	213	225	222	181	205	184	203	189	208	196
{ 5—20 -	92	74	71	72	79	85	83	90	87	91	68	85	89
Deaths from													
Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles -	70	65	68	60	53	47	31	39	32	23	33	31	30
" " Scarlet fever -	10	9	15	10	7	16	4	12	11	17	10	9	9
" " Diphtheria -	22	29	21	23	24	21	16	34	26	27	13	38	25
" " Whooping-cough -	51	56	55	37	36	48	49	26	37	27	27	32	26
" " Typhus -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Enteric fever -	6	3	5	5	7	5	9	3	8	7	8	8	8
" " Simple Contag. fever -	-	1	2	4	1	1	-	4	2	-	1	-	2
" " Diarrhœa and Dysentery -	10	18	12	10	14	13	14	19	34	40	57	155	258
" " Cholera -	-	-	-	-	-	1	-	1	-	-	-	5	10
" " all the above-mentioned Diseases -	169	181	178	149	142	152	123	138	150	141	149	278	368
" " Dis. of Respiratory System -	300	305	242	213	217	177	162	205	169	171	169	143	158
" " Phthisis -	128	164	143	125	137	148	144	174	162	155	137	138	128
" " Dis. of Circulatory System -	98	119	154	134	97	98	101	97	106	123	99	94	117
Violent Deaths - -	57	69	55	66	51	48	55	58	43	53	39	51	83
Inquest Cases - -	111	116	107	125	85	89	104	91	109	105	90	90	129
Deaths in Public Institutions	315	331	315	310	311	342	290	323	290	324	314	280	358
TEMPERATURE OF THE AIR													
Mean -	46·5	47·5	50·8	57·7	54·0	61·9	55·7	64·3	56·8	59·6	64·1	63·3	63·0
Mean of Highest readings -	55·3	57·8	61·9	67·9	64·5	75·1	64·9	77·2	64·0	72·4	77·1	74·6	72·9
Mean of Lowest readings -	39·8	39·1	41·5	49·1	46·7	50·8	48·0	53·4	51·7	49·7	52·1	53·7	56·2
Humidity of the Air - -	84	80	79	77	85	77	82	73	89	76	71	71	80
Rain-fall in inches. - -	0·16	0·75	0·79	0·71	0·19	0·51	1·33	0·31	1·73	0·00	0·02	0·00	0·72
Registered Sunshine (in hours)	12·5	31·3	39·8	37·5	27·7	49·1	47·2	50·1	3·3	65·3	54·1	51·3	23·0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-EIGHTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 28th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 13th July 1889.								CAUSES OF DEATH.	Corrected Averages for the 28th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 13th July 1889.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-6.	5-20.								0-1.	1-6.	5-20.				
ALL CAUSES - -	1714.9	1606	617	196	89	152	232	257	63	Diseases of Organs of Special Sense † - -	2.6	1	-	-	-	1	-	-	-
Small-pox { Vaccinated † - -	10.3	-	-	-	-	-	-	-	-	Diseases of Circulatory System - -	96.9	117	3	-	9	20	35	43	7
Unvaccinated - -		-	-	-	-	-	-	-	-	Croup - - - - -	11.0	10	-	7	3	-	-	-	-
No Statement - -		-	-	-	-	-	-	-	-	Bronchitis - - -	103.4	86	32	13	3	9	11	22	5
Measles - - - - -	59.5	80	7	19	4	-	-	-	-	Pneumonia - - -	61.7	32	7	17	3	8	8	9	-
Scarlet Fever - -	31.7	9	-	6	3	-	-	-	-	Pleurisy - - - -	4.4	2	-	-	1	-	1	-	-
Typhus - - - - -	0.7	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	20.6	6	-	-	1	-	3	2	-
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	18.7	13	7	6	-	-	-	-	-
Infuenza - - - -	0.0	-	-	-	-	-	-	-	-	Quincy, Sore Throat † -	2.3	2	-	1	-	-	1	-	-
Whooping-cough -	53.9	26	11	14	1	-	-	-	-	Enteritis - - - -	14.4	32	23	3	2	1	2	1	-
Diphtheria - - -	16.1	25	2	16	7	-	-	-	-	Peritonitis - - -	5.3	9	1	-	2	2	4	-	-
Simple Continued and Ill-defined Fever -	3.2	2	-	-	1	-	1	-	-	Diseases of Liver -	31.7	26	3	-	1	3	9	8	2
Erysipelas - - -	13.5	8	-	-	2	3	2	1	-	Other Diseases of Digestive System -	34.3	25	8	-	2	3	6	5	1
Enteric Fever - -	10.7	10	5	8	-	-	1	1	-	Diseases of Lymphatic System & of Ductless Glands † - -	2.1	2	-	1	-	-	1	-	-
Cholera - - - - -	235.7	258	218	29	-	-	-	-	7	Diseases of Urinary System - - -	34.3	37	1	1	-	7	9	18	1
Diarrhoea, Dysentery -	0.2	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	4.8	3	-	-	-	2	-	1	-
Remittent Fever † -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.7	5	-	-	-	4	1	-	-
Hydrophobia - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	6.7	7	-	3	2	-	1	-	1
Glanders - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Integumentary System - -	4.5	2	-	-	-	-	-	2	-
Sore-pox and Effects of Vaccination † - -	0.2	-	-	-	-	-	-	-	-	VIOLENT DEATHS. ‡									
Veneral Affections -	13.2	19	11	1	-	3	2	2	-	(ACCIDENT.)									
Erysipelas - - -	4.1	4	-	-	1	-	-	2	1	Fracture and Confusion -	23.8	31	-	6	7	6	7	5	-
Pyæmia and Septicæmia †	2.3	5	-	-	1	2	1	1	-	Gunshot Wound - - -	0.2	1	-	-	-	1	-	-	-
Puerperal Fever - -	4.5	2	-	-	-	2	-	-	-	Cut, Stab - - - -	0.2	1	-	-	-	-	-	-	-
Other Zymotic Diseases †	2.7	1	1	-	-	-	-	-	-	Burn and Scald - - -	3.0	4	-	1	1	-	-	1	1
Thrush - - - - -	4.4	1	1	-	-	-	-	-	-	Poison - - - - -	1.9	4	-	-	-	1	1	2	-
Worms and other Parasitical Diseases - -	0.3	-	-	-	-	-	-	-	-	Drowning - - - -	10.8	10	-	1	5	3	1	-	-
Starvation, Want of Breast-milk † - -	2.7	2	2	-	-	-	-	-	-	Suffocation - - -	9.4	8	8	-	-	-	-	-	-
Alcoholism - - -	5.9	8	-	-	-	3	4	1	-	Otherwise - - - -	3.9	4	2	-	-	-	2	-	-
Rheumatic Fever, Rheumatism of Heart †	7.6	5	-	-	3	2	-	-	-	(HOMICIDE.)									
Rheumatism † - -	3.2	2	-	-	-	-	1	1	-	Murder & Manslaughter -	1.5	5	1	-	1	1	1	1	-
Gout - - - - -	3.3	5	-	-	-	-	2	3	-	(SUICIDE.)									
Rickets † - - - -	4.7	6	3	3	-	-	-	-	-	Gunshot Wound - -	0.5	1	-	-	-	-	1	-	-
Cancer - - - - -	51.9	54	-	-	1	3	30	17	3	Cut, Stab - - - -	2.0	1	-	-	-	-	4	-	1
Tabs Mesenterica -	46.2	55	43	12	-	-	-	-	-	Poison - - - - -	2.1	1	-	-	-	-	-	-	-
Tubercular Meningitis -	32.2	25	18	6	1	-	-	-	-	Drowning - - - -	2.1	2	-	-	1	-	-	-	-
Phthisis - - - -	159.5	1.8	2	3	12	54	45	12	-	Hanging - - - -	2.1	4	-	-	-	-	2	2	-
Scrofula, Tuberculosis -	23.0	21	9	4	2	3	1	2	-	Otherwise - - - -	0.7	3	-	-	-	2	1	-	-
Other Constitutional Diseases † - -	11.1	10	1	1	1	1	4	2	-	(EXECUTION.)									
Premature Birth - -	38.5	32	32	-	-	-	-	-	-	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-
Atelactasia † - - -	3.0	6	6	-	-	-	-	-	-	OTHER CAUSES † - -	84.6	79	73	2	-	1	1	2	-
Congenital Malformations -	7.5	8	7	-	1	-	-	-	-										
Old Age - - - - -	40.2	56	-	-	-	-	-	29	27										
Apoplexy - - - -	47.6	36	1	1	-	1	12	10	2										
Epilepsy - - - - -	9.5	4	-	-	-	2	1	-	1										
Convulsions - - -	56.3	61	55	8	-	-	-	-	1										
Other Diseases of Brain and Nervous System †	87.9	81	13	12	4	3	11	32	6										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. Where the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &c., during the Week ending—

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include													
					Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards	Deaths from											
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON		3,815,704	2806	1606	617	320	-	30	9	25	26	-	8	2	258	83	120	3
WEST DISTRICTS		689,638	397	278	100	55	-	5	5	4	3	-	-	-	40	9	17	68
NORTH DISTRICTS		905,947	522	332	111	79	-	6	1	4	6	-	2	-	53	13	31	68
CENTRAL DISTRICTS		282,288	122	117	42	20	-	3	-	5	2	-	-	-	21	9	16	44
EAST DISTRICTS		692,738	437	336	156	54	-	3	2	5	-	-	2	1	57	19	23	75
SOUTH DISTRICTS		1,263,148	828	543	203	112	-	13	1	7	15	-	4	1	84	28	37	103
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																		
St. Mary Paddington WHH G.J. & W.M.		69893	56	29	8	5	-	1	-	-	-	-	-	-	6	-	2	3
St. John Paddington H - - - G.J.		27389	9	15	-	5	-	-	-	1	-	-	-	-	-	1	1	9
Kensington Town Ww - - - W.M.		190141	61	42	15	11	-	-	-	-	1	-	-	-	6	1	1	11
Brompton H - - - W.M. & C.		43010	13	11	2	1	-	-	-	-	-	-	-	-	1	-	1	5
St. Peter Hammersmith - - - W.M.		7599	1	2	-	1	-	-	-	-	-	-	-	-	1	-	-	-
St. Paul Hammersmith H W.M. & G.J.		64340	45	23	12	6	-	-	-	2	-	-	-	-	1	1	2	2
Fulham Ww - - - W.M. & C.		42900	71	51	25	6	-	1	4	1	1	-	-	-	12	2	4	12
Chelsea South HHH - - - C.		6996	18	14	6	3	-	-	-	-	-	-	-	-	-	-	-	-
Chelsea North-west WHHHHH C.		24925	20	14	4	5	-	-	-	-	1	-	-	-	1	-	-	3
Chelsea North-east - - - C.		32807	23	13	8	1	-	-	-	-	-	-	-	-	2	-	-	-
May Fair WW - - - G.J.		30833	6	9	-	3	-	-	-	-	-	-	-	-	-	1	2	4
Belgrave WHH - - - C.		59230	21	16	4	1	-	3	-	-	-	-	-	-	2	1	1	6
St. John Westminster HHH - - C.		35496	22	18	11	4	-	-	-	-	-	-	-	-	6	-	1	-
St. Margaret Westminster H - - C.		24579	5	9	2	2	-	-	-	-	-	-	-	-	1	2	2	6
St. James Westminster WHH N.R. & G.J.		29941	14	6	3	1	-	-	-	-	-	-	-	-	2	-	-	1
St. Anne Soho HHHHHH - N.R.		18608	7	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - W.M.		26789	7	8	-	2	-	1	-	-	-	-	-	-	-	-	1	2
Cavendish Square HHHH - W.M.		14891	4	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.		24809	11	10	3	-	-	-	-	1	-	-	-	-	-	1	1	1
St. Mary Marylebone HHH G.J. & W.M.		21118	23	3	2	-	-	-	-	-	-	-	-	-	-	1	1	1
Christchurch Marylebone HHH - W.M.		33700	17	8	3	3	-	-	-	-	-	-	-	-	1	-	-	-
St. John Marylebone H - - W.M.		33635	16	12	6	1	-	-	-	-	1	-	-	-	5	-	-	1
Hampstead Ww HHH N.R. & W.M.		45452	23	16	4	5	-	1	-	-	-	-	-	-	1	2	3	3
Regent's Park Pancras H - - W.M.		29115	16	9	3	8	-	-	-	-	-	-	-	-	1	-	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	14	21	5	3	-	1	-	-	-	-	-	-	2	2	-	13
Gray's Inn Lane HHH - - N.R.		30247	12	12	6	1	-	-	-	-	-	-	-	-	2	1	2	5
Somers Town H - - - N.R.		34369	23	14	7	4	-	-	-	-	-	-	-	-	2	1	1	1
Camden Town WH - - - N.R.		17811	9	14	3	7	-	-	-	-	-	-	-	-	1	-	3	9
Kentish Town W - - - N.R.		87487	49	19	4	7	-	-	-	-	-	-	-	-	2	1	2	1
Upper Holloway WWH - - N.R.		67946	46	37	10	9	-	-	-	-	2	-	-	-	6	1	2	13
Islington South-west HH - - N.R.		100976	55	38	22	4	-	2	-	-	-	-	-	-	18	2	5	2
Islington South-east - - - N.R.		18125	38	17	4	8	-	-	-	-	1	-	-	-	6	1	1	-
Highbury H - - - N.R.		82048	35	11	4	3	-	1	-	-	-	-	-	-	3	1	1	-
Stoke Newington H - - - N.R.		22781	18	7	2	2	-	-	-	-	-	-	-	-	2	-	-	-
Stamford Hill - - - E.L.		9277	12	4	-	1	-	-	-	1	-	-	-	-	-	-	-	-
West Hackney H - - - N.R.		37610	15	9	3	1	-	-	-	-	-	-	-	-	1	-	2	-
Hackney WwWH - - - E.L. & N.R.		76911	54	45	12	9	-	-	1	3	-	-	1	-	8	2	4	16
South Hackney - - - E.L.		39885	22	14	8	5	-	-	-	-	-	-	-	-	3	1	1	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury - - - N.R.		16681	6	6	2	1	-	1	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - - N.R.		14864	5	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles North - - - N.R.		13837	8	1	-	-	-	-	-	-	-	-	-	-	3	-	1	3
St. Martin-in-the-Fields HH N.R. & C.		17509	7	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H - - - N.R.		7515	1	4	2	1	-	-	-	-	-	-	-	-	1	-	4	-
St. Clement Danes H - - - N.R.		8559	-	9	5	-	-	-	-	-	1	-	-	-	1	-	1	-
Strand Union Workhouse, Edmonton w.		-	-	1	-	1	-	-	-	-	1	-	-	-	2	1	2	6
St. Geo.-the-Martyr HHHHHH N.R.		18671	15	13	5	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern W - - - N.R.		10706	4	4	2	-	-	1	-	1	-	-	-	-	2	1	1	9
Saffron Hill H - - - N.R.		6583	9	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1
St. James Clerkenwell - - - N.R.		17516	8	6	2	1	-	-	-	-	-	-	-	-	3	-	-	-
Amwell Clerkenwell - - - N.R.		19281	8	5	1	3	-	-	-	-	-	-	-	-	1	-	-	-
Pentonville - - - N.R.		14773	9	6	4	-	-	1	-	-	-	-	-	-	1	-	-	-
Goswell-street - - - N.R.		17505	5	3	3	-	-	-	-	-	-	-	-	-	1	-	-	-
Old-street H - - - N.R.		11541	8	4	4	-	-	-	-	-	-	-	-	-	1	-	-	-
City-road HHL - - - N.R.		18628	16	13	5	4	-	-	-	-	-	-	-	-	3	-	-	-
Whitecross-street - - - N.R.		9217	5	4	1	-	-	-	-	-	-	-	-	-	2	1	1	4
Finsbury - - - N.R.		7463	3	4	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Holborn Union Workhouse, Mitcham. w.		-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - - N.R. & E.L.		11174	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cripplegate - - - N.R.		7193	5	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - - N.R.		3368	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W - - - N.R.		8896	-	2	-	-	-	-	-	4	-	-	-	-	-	-	-	-
Alhallowes Barking - - - N.R.		13666	4	2	1	1	-	-	-	-	-	-	-	-	1	5	6	15
Broad Street H - - - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-
house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands;
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London;
as I. K. the Kent Company.

MR. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT, Friday, the 13th July, 1889.

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																		
Lywell Shoreditch	N.R. & E.L.	7376	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Leonard Shoreditch	HL*	14967	6	3	2	-	-	-	-	-	-	-	-	-	2	2	-	-
St. New Town w	N.R.	29937	22	18	7	5	-	-	-	-	-	-	-	-	3	3	-	-
St. Old Town	N.R.	28086	17	14	6	2	-	-	-	-	-	-	-	-	2	1	2	-
Aggerston WH	N.R. & E.L.	49275	24	27	11	4	-	-	-	-	-	-	-	-	5	1	1	-
St. New Town w	E.L.	29738	18	8	5	-	-	1	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1	1	-	-
St. New Town w	E.L.	19810	15	10	7	1	-	-	-	-	-	-	-	-	2	-	-	-
St. New Town w	E.L.	29738	18	8	5	-	-	-	-	-	-	-	-	-	1	3	-	-
St. New Town w	E.L.	47932	42	27	10	8	-	-	-	1	-	-	-	-	3	3	4	9
St. New Town w	E.L.	29981	17	8	3	-	-	-	-	-	-	-	-	-	1			

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS AND DEATHS registered during Week ending Saturday, 13th July, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Ename- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												Deaths in Public Institutions.	
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON—OUTER RING		370,924	950,957	710	344	103	72	-	3	3	6	5	4	29	15	23	33		
80: 1	Carshalton <i>wL</i>	-	12228	21118	15	9	1	-	-	-	-	-	-	-	-	-	6		
2	Epsom (part of)* <i>WwH</i>	-	9971	10710	4	4	2	-	-	-	-	-	-	-	-	2	1		
37: 1	Godstone (part of)*	-	2754	1235	2	-	-	-	-	-	-	-	-	-	-	-	-		
38: 1	Croydon <i>WwHHL</i>	-	20851	101241	63	28	4	6	-	1	-	1	-	2	2	2	8		
2	Mitcham <i>w†</i>	-	11697	17932	19	2	2	-	-	-	-	-	-	1	-	-	-		
39: 1	Wimbledon <i>HHH</i>	-	3220	15950	8	5	-	2	-	-	-	-	-	-	1	2	-		
2	Kingston <i>WHH</i>	-	8540	36354	19	10	1	3	-	-	-	-	-	-	-	-	1		
3	Esher (part of)*	-	6601	9231	8	6	1	3	-	-	-	1	-	-	-	-	-		
4	Hampton <i>H</i>	-	4373	13559	7	4	1	-	1	-	-	-	-	-	-	-	-		
40: 1	Richmond <i>WH</i>	-	2372	21309	9	2	-	-	-	-	-	-	-	-	-	-	1		
2	Mortlake	-	2941	12331	13	8	4	1	-	1	-	-	-	2	1	2	-		
41: 1	Bromley (pt. of)* <i>HH</i>	-	15609	81142	15	5	3	2	-	-	-	-	-	-	-	1	-		
2	Chislehurst (pt. of)* <i>WHH</i>	-	14307	16844	16	5	1	1	-	-	-	-	-	1	-	-	1		
42: 1	Bexley <i>H</i>	-	13437	24134	16	8	2	3	-	-	-	-	-	-	1	1	1		
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Sunbury <i>w</i>	-	11055	11685	5	1	-	1	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i>	-	13277	12089	6	3	1	-	-	-	-	-	-	-	-	-	-		
125: 1	Hillingdon <i>WHH</i>	-	6029	10803	4	1	-	-	-	-	-	-	-	-	-	1	1		
2	Uxbridge	-	6178	3225	3	1	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wHL</i>	-	14337	11523	4	1	-	-	-	-	-	-	-	-	-	-	-		
126: 1	Isleworth <i>WHH</i>	-	7008	22727	24	7	-	3	-	-	-	-	-	-	1	1	2		
2	Twickenham <i>H</i>	-	2477	12479	6	5	-	1	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i>	-	4345	27349	14	11	-	2	-	-	-	-	-	-	-	-	-		
4	Chiswick	-	1340	15975	10	6	2	-	-	-	-	-	-	1	2	2	-		
5	Acton <i>wH</i>	-	6083	22376	10	11	4	3	-	-	-	1	1	-	1	1	-		
127: 1	Harrow <i>H</i>	-	13309	12796	9	3	2	1	-	-	-	-	-	-	-	-	-		
2	Edgware <i>H</i>	-	6994	3749	2	1	-	1	-	-	-	-	-	-	-	-	-		
3	Willesden	-	4333	27453	34	11	8	-	-	-	-	-	-	3	1	2	-		
4	Hendon <i>W</i>	-	8332	10454	6	2	1	-	-	-	-	-	-	-	-	-	1		
137: 1	Bushey	-	9331	6621	5	1	-	1	-	-	-	-	-	-	-	-	-		
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128: 1	South Mimms	-	15599	6391	2	1	-	1	-	-	-	-	-	-	-	-	-		
2	Barnet	-	5433	10092	5	4	-	2	-	-	-	-	-	-	1	1	-		
3	Finchley <i>HL</i>	-	4688	17615	6	5	-	2	-	-	-	-	-	-	-	1	3		
135: 1	Hatfield (part of)*	-	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-		
129: 1	Hornsey <i>H</i>	-	3039	37078	27	15	2	6	-	-	-	-	-	1	-	1	-		
2	Tottenham <i>H</i>	-	4642	46456	63	30	18	3	-	-	1	-	1	4	-	-	2		
3	Edmonton <i>Ww†</i>	-	7453	23493	26	14	5	2	-	-	-	-	-	-	2	3	2		
4	Enfield <i>WH</i>	-	12653	19104	19	7	2	3	-	-	-	1	-	1	-	-	-		
5	Waltham Abbey	-	11017	5363	4	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt	-	8490	7735	3	2	1	-	-	-	-	-	-	-	-	-	-		
136: 1	Stratford	-	982	38606	24	18	6	1	-	-	-	-	1	2	-	-	-		
2	West Ham <i>wowHs</i>	-	7351	101053	100	41	13	5	-	2	3	-	-	3	1	1	-		
3	Leyton <i>WwL</i>	-	4372	32430	30	21	4	7	-	-	1	-	1	5	1	2	3		
4	Walthamstow <i>H</i>	-	6520	28869	20	13	8	2	-	-	-	-	-	2	-	-	-		
137: 1	Chigwell (part of)* <i>H</i>	-	11761	9699	5	2	-	1	-	-	-	-	-	-	-	-	-		
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
139: 1	Romford (part of)* <i>W</i>	-	6730	3411	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford	-	8493	7645	3	5	2	-	-	1	-	-	-	-	-	-	-		
3	Barking Town	-	4127	9203	6	5	2	-	-	-	-	1	-	1	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District, which forms the Outer Ring are as follows: 2, Epsom sub-district, except the parishes of Asnstead and Hestley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district: 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 13th July, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
TER LONDON	448,334	5,642,015	18·0	3·8	1950	720	392	-	33	12	31	31	14	287	98	391		
TER LONDON -	77,410	4,351,738	19·3	4·3	1806	617	320	-	30	9	25	26	10	258	83	358		
TER RING -	370,924	1,290,277	13·9	2·0	344	103	72	-	3	3	6	5	4	29	15	33		

NOTE.—The area of Greater London is 448,334 acres; of which 4,392 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,612,869 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CUTTACK	433,219	May 18	-	229	27·5	1	-	-	-	-	61	64†	
CALCUTTA	773,196	June 11	-	-	-	-	-	-	-	-	-	-	
CHENNAI	398,777	May 17	334	377	49·1	-	66	?	?	?	78	69†	
COCHIN	2,260,945	July 6	1149	907	20·9	3	16	1	33*	11	11	115	
COLOMBO	471,606	" 6	254	179	19·7	-	1	-	-	2	1	42	
AMSTERDAM	403,983	" 6	235	198	25·7	-	3	-	3	4	-	-	
AMSTERDAM	197,723	" 6	112	95	24·9	-	5	-	-	-	1	1	
THE HAGUE	153,440	" 6	105	76	25·7	-	-	-	-	1	-	1	
BRUSSELS	307,000	June 29	198	128	21·8	-	-	1	6	4	1	25	
STOCKHOLM	228,218	" 29	140	94	21·4	-	-	-	1	-	-	43	
ISTANBUL	138,300	July 6	71	77	29·0	-	-	-	7	2	-	22	
PETERSBURG	842,883	June 29	-	553	34·2	-	7	13	5	4	23	123	
ALGER	1,470,582	" 22	861	1195	41·8	-	1	2	18	2	-	674	
MEMPHIS (State)	575,276	" 29	418	285	25·9	-	-	1	8*	2	2	79	
SEDEN	264,196	" 29	164	130	25·6	?	-	1	3*	?	1	41	
SELAW	315,000	July 6	240	302	50·3	-	5	1	7*	3	-	105	
NICH	281,000	June 29	194	157	28·7	?	2	3	7*	-	-	49	
WINA	811,434	" 29	528	383	24·9	-	6	2	5	1	2	54	
AGUN	304,356	" 29	-	145	24·6	4	1	5	1	2	-	8	
DA-PESTH	452,907	" 29	334	305	35·0	-	-	2	8	3	4	65	
WEST	168,084	" 29	-	56	18·4	-	-	1	1*	2	-	2	
ME	461,044	May 25	207	159	20·6	1	1	-	6*	-	1	5	
RIN (10 days)	306,398	June 10	230	209	24·9	-	17	2	5	10	1	15	
NICH	153,375	" 22	85	79	26·9	4	-	-	-	-	2	7	
IRO	374,338	" 13	328	394	54·9	5	9	-	-	2	21	154	
EXANDRIA	231,396	" 13	184	179	40·4	2	-	-	-	1	9	45	
NEW YORK	1,540,500	" 22	-	760	25·6	-	5	9	32	8	6	142	
NEW YORK	814,505	" 22	-	454	28·8	-	-	7	17	6	3	100	
PHILADELPHIA	1,040,245	" 22	-	400	20·2	-	6	10	6	1	17	41	
PHILADELPHIA	500,343	" 22	-	228	23·8	-	1	2	2	-	6	69	

* Including deaths from croup.

† Including 45 deaths from cholera in Calcutta, and 9 in Madras.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13TH JULY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.	MONTH AND DAY.	Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				WIND as deduced from Anemometers.				Rain collected in a Gauge whose surface is above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Of the Air.		Of the Dew Point.		Of the Water in the Thermometers at Deptford.		General Direction.		Pressure on the Square Foot.		Robinson's.		Oiler's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			High. est.	Low. est.	High. est.	Low. est.	High. est.	Low. est.	A.M.	P.M.	Great. est.	Least. est.	Mean hourly Average on each Day.	Miles.	Miles.	Direction.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
22nd July, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	June 29.	July 6.	July 13.	July 20.		June 29.	July 6.	July 13.	July 20.
Birkenhead	18·3	19·8	22·4	26·0	Liverpool -	20·5	17·8	24·6	29·2
Birmingham	15·5	14·8	22·6	24·3	London -	15·2	16·2	19·3	18·7
Blackburn -	22·4	15·1	23·7	15·5	Manchester -	25·9	25·3	26·7	29·9
Bolton -	19·6	15·0	26·4	18·2	Newcastle-on-Tyne*	21·4	29·2	31·8	26·9
Bradford*	16·4	19·1	22·9	19·3	Norwich -	14·9	19·9	16·0	16·0
Brighton -	13·7	11·6	15·9	12·0	Nottingham -	14·9	11·2	20·4	18·2
Bristol -	13·0	15·5	16·4	15·5	Oldham -	17·6	12·1	20·5	14·7
Cardiff*	18·5	19·4	20·8	17·6	Plymouth -	18·0	20·0	24·0	21·3
Derby -	15·9	13·8	19·6	15·4	Portsmouth -	16·3	15·9	22·5	19·2
Halifax -	22·5	18·0	20·6	16·7	Preston -	23·5	29·0	30·5	38·1
Huddersfield	14·6	17·4	12·9	21·4	Salford* -	20·3	24·9	26·7	25·6
Hull -	22·1	20·1	22·3	18·6	Sheffield -	16·9	18·0	23·3	20·4
Leeds -	22·6	26·9	25·8	28·5	Sunderland -	24·9	21·0	30·3	26·8
Leicester*	20·1	20·5	28·1	26·0	Wolverhampton -	19·0	15·8	14·5	17·1

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·9 in Leeds, 3·2 in Halifax, and 5·5 in Preston; from *scarlet fever*, 1·3 in Salford, and 2·0 in Plymouth; from *whooping-cough*, 1·2 in Sunderland, and 2·0 in Bradford, in Preston, and in Birkenhead; and from *diarrhœa*, 4·0 in Sheffield, 4·4 in Portsmouth, 4·6 in Nottingham, 4·7 in Manchester, 5·1 in Sunderland, 5·7 in Birmingham, 5·8 in Liverpool, 6·1 in Birkenhead, 6·6 in Leeds, 7·4 in Salford, 9·0 in Preston, and 9·4 in Leicester. The rate from "*fever*" did not reach 1·0 per 1,000 in any of the twenty-eight towns. The 36 deaths from *diphtheria* in these towns included 23 in London, 4 in Birmingham, 3 in Salford, 2 in Manchester, and 2 in Plymouth. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2627 BIRTHS and 1556 DEATHS were registered. Allowing for increase of population, the births were 134, and the deaths 227, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the four preceding weeks from 14·9 to 19·3, declined again last week to 18·7. During the first three weeks of the current quarter the mean death-rate was 18·1 per 1000, and was 2·1 below the mean rate in the corresponding periods of the ten years 1879-88.

The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1556 deaths included 29 from measles, 12 from scarlet fever, 23 from diphtheria, 29 from whooping-cough, 6 from enteric fever, 274 from diarrhœa and dysentery, 10 from cholera and choleraic diarrhœa, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 383 deaths were referred to these diseases, being 124 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; and no small-pox patient was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 33, 31, and 30 in the three preceding weeks, further declined last week to 29, and were 28 below the corrected average; 3 belonged to Newington, 4 to Camberwell, and 3 to Greenwich sanitary areas. The 12 deaths from *scarlet fever* showed an increase upon the low numbers in recent weeks, but were 20 below the corrected average; 2 belonged to Fulham, 2 to Chelsea, and 2 to Hackney sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 623 scarlet fever patients against numbers increasing from 559 to 602 in the three preceding weeks; 92 cases were admitted to these hospitals during the week, against numbers increasing from 33 to 91 in the five previous weeks. The deaths from *diphtheria*, which had been 38 and 25 in the two preceding weeks, further declined last week to 23, but exceeded the corrected average by 6; 5 belonged to Paddington, 2 to Kensington, 3 to Bethnal Green, 3 to Stepney, and 2 to Lambeth sanitary areas. The 29 fatal cases of *whooping-cough*, exceeded the number in the previous week by 3, but were 24 below the corrected average; 15 belonged to the sanitary areas of South London. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the eight preceding weeks from 13 to 258, further rose last week to 274, but were 41 below the corrected average; 221 were of infants aged under one year, 40 of children aged between one and five years, and 11 of persons aged upwards of 60 years. The deaths of 9 children and one adult were referred infantile cholera or choleraic diarrhœa.

The deaths referred to *enteric fever*, which had been 8 in each of the three preceding weeks, declined last week to 6, and were 5 below the corrected average. The Metropolitan Asylum Hospitals contained 30 cases of enteric fever and not one of typhus on Saturday last; 2 cases of enteric fever were admitted during the week, against 5, 2, and 9 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 143 and 158 in the two preceding weeks, declined last week to 141; they were 45 below the corrected average, and fewer than in any previous week of this year.

Different forms of violence caused 43 deaths; 34 were the result of negligence or accident, among which were 8 from fractures and contusions, 5 from burns and scalds, 11 from drowning, 2 occurring during the administration of chloroform, and 7 of infants under one year of age from suffocation. The 8 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in street; 1 by accident on railway; 1 by fall from empty cart; 1 by fall from roof; 1 by fall from cradle; 1 by fall in house. An inquest was held in each of these 8 cases. Five cases of suicide were registered, the corrected average being 9.

GREATER LONDON.

In Greater London 3482 births and 1876 deaths were registered, corresponding to annual rates of 32·2 and 17·3 per 1000 of the estimated population. In the Outer Ring 37 deaths from diarrhœa, 10 from diphtheria, and 10 from whooping-cough, were registered. The fatal cases of diarrhœa included 7 in West Ham, 4 in Willesden, 3 in Croydon, and 3 in Tottenham sub-districts; and 5 of the 10 deaths from diphtheria occurred in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·68 ins.; the highest reading was 29·77 ins. on Thursday at noon, and the lowest 29·53 ins. at the end of the week. The mean temperature of the *air* was 58°·7, and 4°·7 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the coldest days being Tuesday and Wednesday. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 9·0 miles per hour, which was 0·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·43 of an inch. The duration of registered bright sunshine in the week was 28·1 hours, against 29·2 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 20th July, 1889.

CITIES AND BOROUGHES.	Registered during the Week ending 20th July, 1889.			The Deaths registered in the Week include														Annual Rate per 1000, corresponding to the Week's Deaths					TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.
	Population estimated to the middle of the year 1889.	BIRTHS.	DEATHS.	Deaths from														From All Causes.	From Diseases in Cols. 6-12.	Mean.		Highest.	Lowest.	Fahrenheit.	Centigrade.	In Inches.	In Cent.		
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.													
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.				
28 TOWNS*.	9,555,406	5895	3844	1514	649	-	102	58	36	86	28	708	105	191	576	79	21.0	5.6	74.2	41.9	56.1	13.39	0.73	1.85	-	28 TOWNS.			
LONDON.	4,351,738	2627	1556	631	287	-	29	12	23	29	6	274	43	83	348	14	18.7	4.5	74.2	47.5	58.7	14.83	0.43	1.09	-	LONDON.			
BRIGHTON.	121,807	70		5	10	-	1	-	-	-	-	1	2	2	8	-	12.0	1.3	70.3	51.0	57.4	14.11	1.79	4.55	-	BRIGHTON.			
PORTSMOUTH.	141,263	101	52	26	7	-	-	-	-	3	-	12	-	1	3	-	19.2	5.5	-	-	-	-	-	-	-	PORTSMOUTH.			
NORWICH.	94,610	50	29	9	8	-	-	-	-	-	-	-	2	1	1	-	16.0	2.8	-	-	-	-	-	-	-	NORWICH.			
PLYMOUTH.	78,225	51	32	9	2	-	1	3	2	1	-	2	1	1	3	2	21.3	5.3	72.0	49.0	58.8	14.89	0.54	1.37	-	PLYMOUTH.			
BRISTOL.	229,361	135	68	15	20	-	5	1	-	1	-	-	4	2	11	2	15.5	1.6	69.4	45.8	56.7	13.72	1.46	3.71	-	BRISTOL.			
WOLVERHAMPTON.	82,544	50	27	6	7	-	-	-	-	-	-	1	-	2	3	-	17.1	0.6	67.4	43.0	53.7	12.06	0.47	1.19	-	WOLVERHAMPTON.			
BIRMINGHAM.	454,835	238	212	91	28	-	7	6	4	2	2	50	4	12	29	3	24.3	8.1	-	-	-	-	-	-	-	BIRMINGHAM.			
LEICESTER.	150,620	84	75	43	13	-	-	-	-	3	-	27	2	5	5	-	26.0	9.7	-	-	-	-	-	-	-	LEICESTER.			
NOTTINGHAM.	237,812	115	83	43	13	-	1	-	-	-	-	21	2	4	5	-	18.2	5.5	69.6	41.9	53.8	12.11	0.56	1.42	-	NOTTINGHAM.			
DERBY.	98,629	66	29	13	5	-	-	-	-	-	-	7	-	1	3	-	15.4	3.7	-	-	-	-	-	-	-	DERBY.			
BIRKENHEAD.	102,541	63	51	27	5	-	1	-	4	4	-	12	2	4	4	-	26.0	8.7	-	-	-	-	-	-	-	BIRKENHEAD.			
LIVERPOOL.	606,562	340	340	145	43	-	5	9	-	9	4	67	9	10	46	31	21.2	8.1	64.0	49.3	54.9	12.72	0.44	1.12	-	LIVERPOOL.			
BOLTON.	114,670	58		12	3	-	-	2	-	-	1	7	-	2	2	-	18.2	4.5	-	-	-	-	-	-	-	BOLTON.			
MANCHESTER.	378,800	286	217	68	38	-	8	4	2	4	2	34	5	10	39	3	29.9	7.4	-	-	-	-	-	-	-	MANCHESTER.			
SALFORD.	234,283	130	115	47	13	-	1	6	3	1	4	83	2	5	9	3	25.6	10.7	-	-	-	-	-	-	-	SALFORD.			
OLDHAM.	142,405	83	40	10	7	-	1	2	-	2	-	4	1	2	2	-	14.7	3.3	-	-	-	-	-	-	-	OLDHAM.			
BLACKBURN.	121,275	77	36	9	4	-	-	2	1	-	2	2	-	2	3	-	15.5	3.0	-	-	-	-	-	-	-	BLACKBURN.			
PRESTON.	104,194	67	76	37	12	-	11	-	1	4	-	18	-	1	1	-	38.1	17.0	-	-	-	-	-	-	-	PRESTON.			
HUDDERSFIELD.	92,825	42	38	10	5	-	2	-	-	-	-	8	1	1	-	-	21.4	2.8	-	-	-	-	-	-	-	HUDDERSFIELD.			
HALIFAX.	81,080	44	26	6	6	-	5	-	-	-	-	-	-	-	-	-	16.7	3.2	-	-	-	-	-	-	-	HALIFAX.			
BRADFORD.	235,056	126	87	28	14	-	-	2	-	9	-	17	2	3	5	-	19.3	6.7	64.8	47.3	54.8	12.67	0.17	0.43	-	BRADFORD.			
LEEDS.	337,449	240	195	78	31	-	13	5	-	-	5	45	8	11	13	2	28.5	9.9	-	-	-	-	-	-	-	LEEDS.			
SHEFFIELD.	128,227	252	128	52	19	-	1	3	-	6	-	25	2	7	4	8	20.4	5.6	-	-	-	-	-	-	-	SHEFFIELD.			
HULL.	208,017	138	74	23	21	-	1	-	2	-	-	14	4	4	10	1	18.6	5.0	73.0	43.0	58.0	14.44	0.66	1.68	-	HULL.			
SUNDERLAND.	154,193	106	69	32	7	-	2	-	3	-	-	13	6	8	7	-	26.8	7.0	-	-	-	-	-	-	-	SUNDERLAND.			
NEWCASTLE.	160,983	126	83	28	14	-	2	1	-	2	1	11	1	7	9	1	26.9	5.2	65.0	47.0	54.0	12.22	0.77	1.96	-	NEWCASTLE.			
CARDIFF.	112,712	70	38	11	7	-	2	-	-	2	-	3	4	4	4	-	17.6	2.3	-	-	-	-	-	-	-	CARDIFF.			
EDINBURGH.	266,100	126	81	21	12	-	2	-	-	3	1	3	2	?	18	17	15.8	1.8	62.5	44.3	54.4	12.44	0.18	0.46	-	EDINBURGH.			
GLASGOW.	528,144	394	222	58	25	-	8	1	1	11	7	18	9	?	29	19	21.9	4.5	64.9	46.9	55.3	12.94	0.26	0.68	-	GLASGOW.			
DUBLIN.	353,082	175	154	32	30	-	7	-	-	4	1	13	5	4	58	17	23.8	3.7	63.3	42.9	54.8	12.67	0.44	1.12	-	DUBLIN.			

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the TWENTY-NINTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2488	2595	2451	2453	2559	2669	2423	2572	2724	2385	2760·9	2627
Males . .	1251	1303	1223	1288	1316	1370	1297	1338	1401	1242	1400·7	1341
Females .	1237	1292	1228	1165	1243	1299	1126	1234	1323	1143	1340·2	1286
TOTAL Deaths	1150	1482	1943	1321	1781	2007	1636	1716	1977	1297	1782·9	1556
Males . .	608	799	1014	676	976	1025	849	895	1050	681	927·2	816
Females .	582	683	929	645	875	982	787	821	927	616	855·7	740

The numbers in this column are the average weekly numbers in the twenty-ninth weeks of the ten years 1879-88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.
TOTAL Births	2522	2712	2565	2648	2402	2405	2523	2396	2636	2467	2507	2306	2627
TOTAL Deaths	1462	1386	1295	1231	1267	1151	1306	1247	1243	1265	1350	1606	1556
Ages at Death													
{ 0-20 years	708	626	577	571	608	506	601	564	575	572	722	902	908
{ 20-40 "	171	184	175	169	152	143	186	173	180	179	168	152	161
{ 40-60 "	256	266	251	205	221	209	245	227	218	232	221	232	197
{ 60-80 "	264	258	245	232	224	237	234	236	225	229	205	257	245
{ at 80 years & upwds.	63	52	47	54	62	51	40	47	45	53	84	63	42
Under 1 year	361	309	287	267	301	242	306	293	281	315	429	617	631
1-5	273	246	218	225	222	181	205	184	203	189	208	196	197
5-20	74	71	72	79	85	83	90	87	91	68	85	89	80
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	65	68	60	53	47	31	39	32	23	33	31	30	29
" " Scarlet fever	9	15	10	7	16	4	12	11	17	10	9	9	12
" " Diphtheria	29	21	23	24	21	16	34	26	27	13	38	25	23
" " Whooping-cough	56	55	37	36	48	49	26	37	27	32	32	26	29
" " Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Enteric fever	3	5	5	7	5	9	3	8	7	8	8	8	6
" " Simple Cont'd fever	1	2	4	1	1	-	4	2	-	1	-	2	-
" " Diarrhoea and Dysentery	18	12	10	14	13	14	19	34	40	57	153	253	274
" " Cholera	-	-	-	-	1	-	1	-	-	-	5	10	10
" " all the above-mentioned Diseases	181	178	149	142	152	123	138	150	141	149	278	368	383
Dis. of Respiratory System	305	242	213	217	177	162	205	169	171	169	143	158	141
Phthisis	164	143	125	137	148	144	174	162	155	137	138	128	136
Dis. of Circulatory System	119	154	134	97	98	101	97	106	123	99	94	117	102
Violent Deaths	69	55	66	51	48	55	58	48	53	39	51	83	43
Inquest Cases	116	107	125	85	89	104	91	109	105	90	90	129	88
Deaths in Public Institutions	331	315	319	311	342	290	323	290	324	314	280	358	348
TEMPERATURE OF THE AIR													
Mean	47·5	50·8	57·7	54·0	61·9	55·7	64·3	53·8	59·6	64·1	63·3	63·0	58·7
Mean of Highest readings	57·8	61·9	67·9	64·5	75·1	64·9	77·2	64·0	72·4	77·1	74·6	72·9	69·9
Mean of Lowest readings	39·1	41·5	49·1	46·7	50·8	48·0	53·4	51·7	49·7	52·1	53·7	56·2	51·3
Humidity of the Air	80	79	77	85	77	82	73	89	76	71	71	80	80
Rain-fall in inches	0·75	0·79	0·71	0·19	0·51	1·33	0·31	1·73	0·00	0·02	0·00	0·72	0·43
Registered Sunshine (in hours)	31·3	39·8	37·5	27·7	49·1	47·2	50·1	3·3	65·3	54·1	51·3	23·0	28·1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—P. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Barnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIslandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 29th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 20th July 1889.										CAUSES OF DEATH.	Corrected Averages for the 29th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 20th July 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-5.	5-20.						0-1.							1-5.	5-20.				
ALL CAUSES - -	1782.9	1556	631	197	80	164	197	245	42	Diseases of Organs of Special Sense † - -	2.4	2	1	1	-	-	-	-	-	-			
Small-pox { Vaccinated † - - Unvaccinated - - No Statement - -	9.4	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	95.5	102	1	1	5	16	27	45	7				
Measles - - -	57.2	29	9	20	-	-	-	-	-	Croup - - -	10.3	8	1	7	-	-	-	-	-	-			
Scarlet Fever - -	31.6	12	1	7	4	-	-	-	-	Bronchitis - - -	94.3	71	81	12	-	-	8	19	1				
Typhus - - -	1.1	-	-	-	-	-	-	-	-	Pneumonia - - -	55.3	43	8	10	1	9	9	6	-				
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - -	5.2	3	-	1	-	-	-	1	1				
Influenza - - -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	20.5	16	1	5	2	1	1	5	1				
Whooping-cough -	53.2	29	18	9	2	-	-	-	-	Dentition † - - -	14.9	15	10	5	-	-	-	-	-				
Diphtheria - - -	16.7	23	-	12	9	2	-	-	-	Quincy, Sore Throat † -	1.4	3	-	2	1	-	-	2	-				
Simple Continued and Ill-defined Fever -	1.3	-	-	-	-	-	-	-	-	Enteritis - - -	17.8	23	19	1	-	-	1	3	3				
Enteric Fever - -	10.5	6	-	-	5	1	-	-	-	Peritonitis - - -	7.6	12	1	1	3	-	13	10	1				
Cholera - - -	11.3	10	6	3	-	-	-	1	-	Diseases of Liver - -	39.7	34	4	-	-	-	-	-	-				
Diarrhoea, Dysentery	314.6	274	221	40	1	-	1	7	4	Other Diseases of Digestive System -	33.5	33	16	-	3	3	5	6	-				
Remittent Fever -	0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	1.7	3	-	-	-	1	1	1	-				
Hydrophobia - -	0.4	-	-	-	-	-	-	-	-	Diseases of Urinary System - - -	62.4	43	-	-	3	12	14	14	-				
Glanders - - -	0.2	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	7.7	2	-	1	-	-	1	-	-				
Cowpox and Effects of Vaccination † - -	0.5	-	-	-	-	-	-	-	-	Accidents of Childbirth -	2.9	-	-	-	-	-	-	-	-				
Venereal Affections	15.0	10	5	1	-	2	1	1	-	Diseases of Locomotive System † - - -	6.8	14	1	1	5	5	1	1	-				
Erysipelas - - -	4.8	4	1	-	1	-	-	2	-	Diseases of Integumentary System - -	6.3	6	2	1	-	1	-	2	-				
Pæmia and Septicæmia †	3.3	3	1	-	-	-	2	-	-	VIOLENT DEATHS. ‡													
Puerperal Fever -	3.2	5	-	-	-	5	-	-	-	(ACCIDENT.)													
Other Zymotic Diseases †	2.6	-	-	-	-	-	-	-	-	Fracture and Contusion	19.9	8	1	1	2	2	-	2	-				
Thrush - - -	5.6	1	1	-	-	-	-	-	-	Gunshot Wound - -	0.2	-	-	-	-	-	-	-	-				
Worms and other Parasitical Diseases - -	0.5	-	-	-	-	-	-	-	-	Cut. Stab - - -	0.4	-	-	-	-	-	-	-	-				
Starvation, Want of Breast-milk † - -	2.6	3	3	-	-	-	-	-	-	Burn and Scald - -	2.9	5	1	2	1	1	-	-	-				
Alcoholism - - -	4.1	7	-	-	-	5	2	-	-	Poison - - -	2.2	1	-	-	-	-	1	-	-				
Rheumatic Fever, Rheumatism of Heart †	5.2	4	-	1	1	1	1	-	-	Drowning - - -	10.9	11	2	1	5	1	2	1	-				
Rheumatism † - -	2.3	1	-	-	-	-	-	1	-	Suffocation - - -	9.9	9	-	-	-	-	-	-	-				
Gout - - -	3.7	1	-	-	-	-	-	1	-	Otherwise - - -	3.9	-	-	-	-	-	-	-	-				
Rickets † - - -	4.0	12	5	7	-	-	-	-	-	(HOMICIDE.)													
Cancer - - -	54.4	51	-	-	1	6	17	25	2	Murder & Manslaughter	1.1	4	1	-	-	-	1	2	-				
Tabes Mesenterica -	45.9	49	39	8	1	1	-	-	-	(SUICIDE.)													
Tubercular Meningitis	34.3	13	3	7	2	-	1	-	-	Gunshot Wound - -	0.8	2	-	-	-	-	1	1	-				
Phthisis - - -	157.6	133	3	4	12	63	46	8	-	Cut. Stab - - -	1.7	1	-	-	-	-	-	-	-				
Scrophula, Tuberculosis	23.1	13	6	3	1	1	1	1	-	Poison - - -	1.5	1	-	-	-	-	1	-	-				
Other Constitutional Diseases † - -	9.1	9	-	-	-	8	1	5	-	Drowning - - -	2.0	1	-	-	-	-	-	-	-				
Premature Birth - -	36.2	47	47	-	-	-	-	-	-	Hanging - - -	1.9	-	-	-	-	-	-	-	-				
Atelectasis † - -	2.7	2	2	-	-	-	-	-	-	Otherwise - - -	0.8	-	-	-	-	-	-	-	-				
Congenital Malformations - -	6.0	8	7	-	-	1	-	-	-	(EXECUTION.)													
Old Age - - -	40.5	44	-	-	-	-	-	26	18	Hanging - - -	0.0	-	-	-	-	-	-	-	-				
Apoplexy - - -	36.3	49	-	-	-	5	15	17	3	OTHER CAUSES † - -	87.0	80	76	6	-	-	4	3	-				
Epilepsy - - -	6.3	8	-	-	-	2	-	5	1														
Convulsions - - -	63.2	59	53	5	1	-	-	-	-														
Other Diseases of Brain and Nervous System	97.8	78	16	11	8	4	14	22	3														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

The DEATHS registered in the Week include																										
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of														Deaths from					Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.										
LONDON - - - -		3,815,704	2627	1556	631	237	-	29	13	23	29	-	6	-	274	43	83	349	14							
WEST DISTRICTS - - - -		689,838	392	295	122	44	-	4	5	7	3	-	2	-	54	8	13	81	2							
NORTH DISTRICTS - - - -		905,947	612	346	133	66	-	6	4	9	8	-	1	-	52	8	20	71	-							
CENTRAL DISTRICTS - - - -		282,288	187	104	37	22	-	2	-	-	1	-	2	-	13	4	5	32	-							
EAST DISTRICTS - - - -		692,738	482	296	121	61	-	4	1	3	2	-	-	-	60	11	21	85	-							
SOUTH DISTRICTS - - - -		1,965,148	954	515	218	94	-	13	2	4	15	-	1	-	95	13	21	73	12							
METROPOLITAN ASYLUM POS- TALS OUTSIDE REGISTRATION LONDON - - - -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
WEST DISTRICTS.																										
St. Mary Paddington WHH G.J. & W.M.		86558	49	33	22	4	-	-	-	1	-	-	-	-	12	1	9	6	-							
St. John Paddington H - - - G.J.		57330	10	9	-	2	-	-	-	-	-	-	-	-	1	1	1	7	-							
Kensington Town W - - - W.M.		120141	65	39	12	8	-	-	-	1	-	-	-	-	8	1	2	10	-							
Brompton H - - - W.M. & C.		43010	19	10	5	3	-	-	-	-	-	-	-	-	1	1	1	1	-							
St. Peter Hammersmith - - - W.M.		7599	4	3	2	-	-	-	1	1	-	-	-	-	8	2	2	4	-							
St. Paul Hammersmith H - W.M. & G.J.		64340	53	32	16	2	-	-	4	2	2	-	-	-	8	1	2	15	-							
Fulham W - - - W.M. & C.		42800	57	56	26	7	-	-	-	-	-	-	-	-	4	-	-	-	-							
Chelsea South HHH - - - C.		6396	19	16	9	1	-	-	-	-	1	-	-	-	4	-	-	7	-							
Chelsea North-west WHHHH - C.		24925	16	15	2	4	-	-	-	-	-	-	-	-	4	-	-	-	-							
Chelsea North-east - - - C.		32897	21	10	9	-	-	-	-	-	-	-	-	-	1	-	1	9	-							
May Fair W - - - G.J.		80353	6	17	2	6	-	1	-	-	-	-	2	-	3	1	1	10	-							
Belgrave WHHH - - - C.		59220	21	15	5	1	-	2	-	-	-	-	-	-	3	-	-	1	-							
St. John Westminster HHH - C.		35498	25	13	7	1	-	-	-	-	-	-	-	-	1	-	3	-	-							
St. Margaret Westminster H - C.		24679	11	9	2	2	-	-	-	-	-	-	-	-	-	-	-	3	-							
St. James Westminster WHH N.R. & G.J.		29941	10	5	1	1	-	1	-	-	-	-	-	-	1	-	-	-	-							
St. Anne Soho HHHHHH - N.R.		16908	6	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-							
NORTH DISTRICTS.																										
All Souls Marylebone HHHH - W.M.		26759	5	6	1	-	-	1	-	-	-	-	-	-	1	-	-	3	-							
Cavendish Square HHHH - W.M.		14981	3	5	-	2	-	-	-	-	-	-	-	-	1	-	1	1	-							
Rectory Marylebone WH G.J. & W.M.		24809	11	8	3	-	-	-	-	1	-	-	-	-	1	-	1	-	-							
St. Mary Marylebone HHH G.J. & W.M.		21118	23	7	4	1	-	-	-	-	-	-	-	-	3	-	1	-	-							
Christchurch Marylebone HH - W.M.		33700	22	10	3	4	-	-	-	-	-	-	-	-	1	-	1	-	-							
St. John Marylebone H - - W.M.		33638	22	8	9	2	-	-	-	-	-	-	-	-	1	-	1	-	-							
Hampstead W - - - HHH N.R. & W.M.		45452	26	16	2	5	-	-	2	-	-	-	-	-	-	-	1	6	-							
Regent's Park Pancras H - - W.M.		39115	29	8	5	2	-	-	-	1	-	-	-	-	1	1	1	-	-							
Tottenham-court WHHHH N.R. & W.M.		27729	14	15	3	8	-	1	-	-	-	-	-	-	1	1	1	9	-							
Gray's Inn Lane HHH - - - N.R.		30247	15	19	7	1	-	1	-	1	-	-	-	-	4	1	2	3	-							
Somers Town H - - - N.R.		34389	24	14	6	-	-	-	-	-	-	-	-	-	4	1	2	7	-							
Camden Town WH - - - N.R.		17311	14	13	4	5	-	-	-	-	1	-	-	-	4	1	2	3	-							
Kentish Town W - - - N.R.		87487	70	33	13	5	-	1	-	-	-	-	-	-	7	-	-	13	-							
Upper Holloway WHH - - - N.R.		67946	63	37	13	12	-	1	-	-	1	-	-	-	9	-	3	-	-							
Islington South-west HH - - N.R.		100976	75	43	22	4	-	-	1	-	1	-	-	-	4	1	2	-	-							
Islington South-east - - - N.R.		61835	32	15	6	2	-	-	-	-	-	-	-	-	4	-	-	-	-							
Highbury H - - - N.R.		52048	26	18	9	1	-	-	-	-	-	-	-	-	4	-	-	-	-							
Stoke Newington H - - - N.R.		22781	17	8	1	1	-	-	1	1	-	-	-	-	1	-	-	-	-							
Stamford Hill - - - E.L.		3277	4	2	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-							
West Hackney H - - - N.R.		87410	24	10	4	3	-	-	-	-	1	-	-	-	4	-	-	-	-							
Hackney W - - - E.L. & N.R.		76911	59	52	12	11	-	2	5	1	-	-	-	-	4	-	1	25	-							
South Hackney - - - E.L.		39883	22	11	8	2	-	-	5	1	-	-	-	-	3	1	2	-	-							
CENTRAL DISTRICTS.																										
St. George Bloomsbury - - - N.R.		16681	6	7	3	3	-	1	-	-	-	-	1	-	1	-	-	-	-							
St. Giles South WH - - - N.R.		14664	25	11	3	4	-	-	-	-	-	-	-	-	1	-	-	6	-							
St. Giles North - - - N.R.		13837	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
St. Martin-in-the-Fields HH N.R. & C.		17508	2	8	3	2	-	-	-	-	-	-	-	-	1	1	1	5	-							
St. Mary-le-Strand H - - - N.R.		7515	5	2	1	-	-	-	-	-	-	-	-	-	2	-	-	2	-							
St. Clement Danes H - - - N.R.		8559	3	4	2	1	-	-	-	-	-	-	-	-	-	-	-	2	-							
Strand Union Workhouse, Edmonton w.		-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
St. Geo.-the-Martyr HHHHHH N.R.		18671	16	12	5	-	-	-	-	-	-	-	-	-	-	-	-	5	-							
St. Andrew Eastern W - - - N.R.		10706	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Saffron Hill H - - - N.R.		6583	1	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-							
St. James Clerkenwell - - - N.R.		17516	16	4	2	-	-	-	-	-	-	-	-	-	1	1	1	-	-							
Amwell Clerkenwell - - - N.R.		19281	15	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-							
Pentonville - - - N.R.		14773	9	6	1	1	-	-	-	-	-	-	-	-	1	-	1	-	-							
Goswell-street - - - N.R.		17506	9	7	3	2	-	-	-	-	1	-	-	-	1	-	-	-	-							
Old-street H - - - N.R.		11541	12	7	4	-	-	1	-	-	-	-	-	-	2	-	-	-	-							
City-road HHL - - - N.R.		18923	20	8	6	-	-	-	-	-	-	-	-	-	2	-	-	2	-							
Whitcross-street - - - N.R.		9217	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Fluobury - - - N.R.		7463	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
St. Botolph H - - - N.R. & E.L.		11174	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Cripplegate - - - N.R.		7193	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
St. Sepulchre H - - - N.R.		5358	1	13	4	-	-	-	-	-	-	-	1	-	1	1	1	10	-							
St. Bride W - - - N.R.		8395	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Allhallows Barking - - - N.R.		13966	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Broad Street H - - - N.R.		5652	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands & as note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 20th July, 1889.

Regis- tration District and Sub- District Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from								Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of 1903.	
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Cholera.	Violence.				
LONDON—OUTER RING		370,924	950,957	855	320	112	75	-	3	4	10	10	1	37	11	27	26	4	
30: 1	Carshalton <i>wL</i>	12228	21118	12	3	-	1	-	-	-	-	-	-	-	-	1	-	-	
2	Epsom (part of) * <i>WwH</i>	9071	10710	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of) *	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHLL</i>	20651	101241	62	26	8	8	-	-	-	-	-	-	3	3	5	3	-	
2	Mitcham <i>w†</i>	11697	17932	11	4	2	-	-	-	-	-	2	-	1	-	-	-	-	
39: 1	Wimbledon <i>HHH</i>	3220	15950	9	5	1	1	-	-	-	-	1	-	-	-	-	-	-	
2	Kingston <i>WHH</i>	8549	36354	22	7	1	4	-	-	-	-	-	-	-	-	-	-	-	
3	Esner (part of) *	6601	9231	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i>	4573	13539	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i>	2272	21302	11	13	1	7	-	-	-	-	-	-	-	-	-	2	-	
2	Mortlake	2941	12331	13	4	2	-	-	-	-	-	-	-	2	-	1	-	-	
41: 1	Bromley (pt. of) * <i>HH</i>	15669	31142	33	13	7	1	-	-	1	1	-	-	1	-	-	1	1	
2	Chislehurst (pt. of) * <i>WHH</i>	14307	15844	11	8	1	2	-	-	1	-	-	-	-	-	-	2	1	
42: 1	Bexley <i>H</i>	18437	24134	18	7	1	3	-	-	-	-	-	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i>	11055	11685	6	7	4	2	-	-	-	-	-	-	2	1	1	-	-	
2	Staines <i>W-</i>	13277	12069	12	3	1	1	-	-	-	-	-	-	-	-	1	-	-	
125: 1	Hillingdon <i>WHH</i>	6029	19092	7	3	1	1	-	-	-	-	-	-	1	-	1	-	-	
2	Uxbridge	6178	3225	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i>	14587	11523	7	2	1	-	-	-	-	-	1	-	-	-	-	-	-	
126: 1	Isleworth <i>WHH</i>	7008	23727	17	7	-	2	-	-	-	-	-	-	1	1	2	-	-	
2	Twickenham <i>H-</i>	2477	12479	11	4	-	3	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i>	4345	27449	30	9	4	2	-	-	-	-	-	-	1	-	1	1	-	
4	Chiswick	1840	15975	13	4	-	2	-	-	-	-	1	-	-	-	-	-	-	
5	Acton <i>wH</i>	6083	22376	18	12	8	1	-	-	1	-	-	-	2	-	1	-	-	
127: 1	Harrow <i>H-</i>	13809	12796	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i>	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willersden	4388	27453	46	11	9	1	-	-	-	-	-	-	-	-	1	-	-	
4	Hendon <i>W</i>	8382	10484	9	8	1	3	-	-	-	-	-	-	1	1	1	2	-	
127: 1	Bushey	9331	6621	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	South Mimms	15599	6391	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet	5493	10092	7	4	1	-	-	-	-	-	-	-	-	-	1	-	-	
3	Finchley <i>HL</i>	4688	17615	19	7	4	2	-	-	-	-	-	-	1	-	-	2	-	
135: 1	Hatfield (part of) *	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H-</i>	3039	37078	25	10	4	3	-	1	-	-	-	-	-	-	-	2	-	
2	Tottenham <i>H</i>	4642	46456	63	17	8	1	-	1	-	-	-	-	3	1	2	4	-	
3	Edmonton <i>Ww†</i>	7483	23463	22	9	3	1	-	-	-	-	-	-	2	-	-	-	-	
4	Enfield <i>WH</i>	12653	19104	15	6	2	1	-	-	-	1	1	-	-	-	-	1	-	
5	Waltham Abbey	11017	5398	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt	8490	7735	3	2	-	1	-	-	-	-	-	-	-	1	1	-	-	
136: 1	Stratford	3892	38606	30	10	2	3	-	1	1	-	-	-	2	-	-	-	-	
2	West Ham <i>wowwH†</i>	7351	101053	137	46	19	4	-	-	1	5	3	-	7	2	3	-	2	
3	Leyton <i>WwL</i>	4372	32430	37	23	7	9	-	-	1	1	-	-	1	-	-	5	-	
4	Walthamstow <i>H</i>	6520	23869	37	9	3	-	-	-	-	-	-	-	1	-	1	-	-	
137: 1	Chigwell (part of) * <i>H</i>	11761	9039	6	5	1	1	-	-	-	-	-	1	-	1	1	-	-	
2	Epping (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford (part of) * <i>W</i>	6730	3411	2	3	-	3	-	-	-	-	-	-	-	-	-	3	-	
2	Ilford	8493	7645	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town	4127	9203	13	6	3	1	-	-	-	-	-	-	1	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Asstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district: 39: 3, Esner sub-district, except the parish of Esner (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Norton in Hatfield also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th July, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from								Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.
GREATER LONDON	448,334	5,642,015	17·3	4·0	1876	743	362	-	32	16	33	39	7	311	54	374
INNER LONDON -	77,410	4,351,738	18·7	4·5	1556	631	287	-	29	12	23	29	6	274	43	348
OUTER RING -	370,924	1,290,277	12·9	2·6	320	112	75	-	3	4	10	10	1	37	11	26

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	May 25	-	203	24·4	3	-	-	1	-	61	44†	
BOMBAY -	773,196	June 1	-	194	23·3	1	1	-	-	1	54	39†	
MADRAS -	398,777	" 18	399	376	21·5	12	7	?	?	?	113	42†	
PARIS -	2,260,945	May 24	327	355	46·2	4	38	?	?	?	83	76†	
BRUSSELS -	471,606	July 13	1259	968	22·3	2	25	1	21*	6	23	156	
(with 8 Faubourgs.)		" 13	253	189	20·8	-	-	-	1	5	2	50	
AMSTERDAM -	403,083	" 13	263	194	25·2	-	4	-	3	2	1	-	
ROTTERDAM -	197,723	" 13	138	90	23·6	-	5	-	-	-	-	3	
THE HAGUE -	153,440	" 13	103	79	26·7	-	-	-	-	3	-	4	
COPENHAGEN -	307,000	" 6	175	151	25·7	-	2	3	7	5	2	38	
STOCKHOLM -	228,218	" 6	115	120	27·3	-	-	1	2*	-	1	46	
CHRISTIANIA -	138,300	" 13	72	102	38·4	-	4	-	4	3	2	35	
ST. PETERSBURG	842,883	" 6	-	587	36·3	-	9	8	7	7	26	149	
BERLIN -	1,489,672	June 29	833	924	32·3	1	2	2	22	4	3	407	
HAMBURG (State)	675,276	July 6	433	322	29·2	-	-	2	8*	3	3	116	
DRESDEN -	264,196	" 6	152*	144	28·3	?	-	1	3*	?	-	50	
BRESLAU -	315,000	" 13	212	326	54·3	-	4	-	10*	4	1	123	
MUNICH -	281,000	" 6	234	174	32·2	-	1	1	13*	-	2	51	
VIENNA -	811,434	" 6	434	337	21·6	-	4	1	10	-	1	53	
PRAGUE -	304,356	" 6	-	155	26·6	2	1	-	10	1	3	10	
BUDA-PESTH -	452,907	" 6	310	283	32·5	-	-	2	3	1	6	56	
TRIESTE -	158,084	" 6	-	74	24·3	-	-	-	3*	-	-	4	
ROME -	404,440	June 1	190	156	20·1	1	1	1	-	-	5	5	
TURIN (10 days)-	306,398	" 20	240	185	22·0	-	18	-	2	5	-	23	
VENICE -	153,375	" 29	90	81	27·6	2	-	-	-	-	1	3	
CAIRO -	374,938	" 20	389	425	59·2	5	6	-	1	2	37	157	
ALEXANDRIA -	231,396	" 20	170	200	45·1	3	2	-	2*	-	7	67	
NEW YORK -	1,71,300	" 29	-	864	28·7	-	6	7	32	11	2	245	
BROOKLYN -	814,505	" 29	-	514	32·7	-	5	1	11	10	2	164	
PHILADELPHIA -	1,040,245	" 29	-	403	24·7	-	5	2	5	3	5	84	
BALTIMORE -	500,343	" 29	-	221	28·0	-	-	4	-	1	5	80	

* Including deaths from croup.

† Including 33 and 25 deaths respectively from cholera in Calcutta, 7 in Bombay, and 13 in Madras.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20th JULY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.		TEMPERATURE.				Difference between the Air Temperature and Dew Point Temperature.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches above the level of the Ground.	Ozone.						
		BARO-METER.		Of the Air.		Of the Dew Point.		Degree of Humidity (Saturation equals 100).		Of Radiation.		Of the Water of the Thames at Deptford.		Osler's.		Pressure on the Square Foot.				Robinson's.					
		Mean daily reading (corrected and reduced to 32° Fahrenheit).	High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average value.	Mean daily value.	Mean daily value.	Great- est.	Least.	High- est.	Low- est.	A.M.	P.M.	Great- est.	Least.			Mean hourly obs.	Horizontal Movement on each Day.	Departure from Average of 10 Years.			
JULY.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	Miles.	Miles.	in.					
SUN.	14	29.633	71.0	56.5	14.5	60.9	- 2.5	58.5	2.4	11.7	0.2	92	135.4	52.1	°	°	°	101	- .68	0.19					
MON.	15	29.708	69.5	52.0	17.5	59.6	- 3.8	51.7	7.9	17.6	0.0	75	133.5	44.5	°	°	°	315	+ 85	0.02					
TUES.	16	29.675	69.9	49.0	20.9	57.3	- 6.2	49.5	7.8	18.9	0.8	76	134.0	42.2	°	°	°	306	+ 76	0.00					
WED.	17	29.634	67.0	51.6	15.4	56.5	- 7.0	49.0	7.5	18.0	0.8	76	126.2	50.1	°	°	°	207	- 24	0.19					
THURS.	18	In Equator.	29.767	69.5	51.5	18.0	53.7	- 4.7	52.7	6.0	16.7	0.0	81	111.0	43.0	°	°	°	131	-100	0.00				
FRI.	19	Last Qr.	29.727	74.2	47.5	26.7	59.1	- 4.2	50.8	8.3	20.9	0.2	74	137.5	38.6	°	°	°	111	-121	0.00				
SAT.	20	29.597	68.2	50.7	17.5	58.6	- 4.6	53.9	4.7	11.7	0.4	85	128.4	44.6	°	°	°	287	+ 55	0.03					
MEANS	..	29.684	69.9	51.3	18.6	58.7	- 4.7	52.3	6.4	16.5	0.3	80	129.4	45.0	°	°	°	Sum 1518	Sum - 97	2.7					
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27

DATE.	JULY.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Sunshine, Horizon, in hours.	Sum Sunshine, in hours.	GENERAL REMARKS.
SUNDAY	14		1.3	16.1	Cloudy; showery till evening; thunder between 10h. A.M. and 11h. A.M.
MONDAY	15		4.6	16.1	Generally cloudy till afternoon; variable and showery till evening; very fine afterwards, with little cloud.
TUESDAY	16		7.9	16.1	Very fine in early morning; fine and partially cloudy till evening; overcast at night.
WEDNESDAY	17	The electrometer was not in action throughout the week.	5.8	16.0	Overcast with rain in early morning; very variable afterwards; occasional thunderstorms in afternoon.
THURSDAY	18		2.2	16.0	Generally cloudy till evening; cloudless and very fine afterwards.
FRIDAY	19		5.5	16.0	Fine and partially cloudy till evening; cloudless and very fine at night.
SATURDAY	20		0.8	15.9	Fine and partially cloudy in early morning; cloudy and showery till night; then cloudless.
			Sum 28.1	Sum 112.2	

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1885, and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, positive; -, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight, from 29.67 in at the beginning of the week to 29.74 in. at the end of the week. The mean temperature of the air, from 29.67 in. at the beginning of the week to 29.74 in. at the end of the week, is 68.4° F., or 20.8° C. The mean temperature of the water of the Thames, from 29.67 in. at the beginning of the week to 29.74 in. at the end of the week, is 68.4° F., or 20.8° C. The mean temperature of the soil, from 29.67 in. at the beginning of the week to 29.74 in. at the end of the week, is 68.4° F., or 20.8° C. The mean temperature of the air, from 29.67 in. at the beginning of the week to 29.74 in. at the end of the week, is 68.4° F., or 20.8° C.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 30. 1889. VOL. L.] WEEK ENDING SATURDAY, JULY 27. [Price 1½d.

General Register Office, Somerset House,
29th July, 1889.]

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 6.	July 13.	July 20.	July 27.		July 6.	July 13.	July 20.	July 27.
Birkenhead	19·8	22·4	26·0	20·4	Liverpool -	17·8	24·6	29·2	26·3
Birmingham	14·3	22·6	24·3	22·0	London -	16·2	19·3	18·7	18·6
Blackburn -	15·1	23·7	15·5	24·5	Manchester -	25·3	26·7	29·9	25·1
Bolton -	15·0	26·4	18·2	21·4	Newcastle-on-Tyne*	29·2	31·8	26·9	25·3
Bradford*	19·1	22·9	19·3	18·9	Norwich -	19·9	16·0	16·0	18·8
Brighton -	11·6	15·9	12·0	14·6	Nottingham -	11·2	20·4	18·2	18·0
Bristol -	15·5	16·4	15·5	16·4	Oldham -	12·1	20·5	14·7	16·5
Cardiff*	19·4	20·8	17·6	23·6	Plymouth -	20·0	24·0	21·3	28·0
Derby -	13·8	19·6	15·4	12·2	Portsmouth -	15·9	22·5	19·2	21·8
Halifax -	18·0	20·6	16·7	25·1	Preston -	29·0	30·5	38·1	48·6
Huddersfield	17·4	12·9	21·4	10·7	Salford*	24·9	26·7	25·6	26·1
Hull -	20·1	22·3	18·6	25·3	Sheffield -	18·0	23·3	20·4	23·4
Leeds -	26·9	25·8	28·5	26·1	Sunderland -	21·0	30·3	26·8	27·2
Leicester*	20·5	28·1	26·0	23·6	Wolverhampton -	15·8	14·5	17·1	19·6

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Halifax, 1·8 in Leeds, 2·0 in Hull, and 6·5 in Preston; from *scarlet fever*, 1·0 in Liverpool, 1·1 in Oldham and in Huddersfield, 1·7 in Blackburn, and 5·3 in Plymouth; from *whooping-cough*, 1·5 in Oldham and in Preston, 1·6 in Bradford, and 2·0 in Birkenhead; from "*fever*," 2·0 in Preston; and from *diarrhœa*, 4·9 in Sheffield and in Salford, 5·3 in Birmingham, 5·8 in Sunderland and in Derby, 6·0 in Leeds, 8·0 in Leicester, and 12·0 in Preston. The 67 deaths from *diphtheria* in the twenty-eight great towns included 44 in London, 7 in Bradford, 5 in Salford, 3 in Plymouth, and 2 in Liverpool. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2376 BIRTHS and 1553 DEATHS were registered. Allowing for increase of population, the births were 411, and the deaths 275, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·3 and 18·7 in the two preceding weeks, further declined last week to 18·6. During the first four weeks of the current quarter the mean death-rate was 18·2 per 1000, and was 2·5 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1553 deaths included 20 from measles, 6 from scarlet fever, 44 from diphtheria, 19 from whooping-cough, 8 from enteric fever, 1 from an ill-defined form of continued fever, 271 from diarrhœa and dysentery, 10 from cholera and

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

choleraic diarrhoea, and not one either from small-pox or from typhus; thus, 379 deaths were referred to these diseases, being 152 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; and no small-pox patient was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had slowly declined in the four previous weeks from 33 to 29, further fell last week to 20, and were 35 below the corrected weekly average; 10 occurred in South London, of which 4 belonged to Camberwell sanitary area. The 6 deaths from *scarlet fever* showed a decline of 6 from the number in the previous week, and were 33 below the corrected average; 3 belonged to the East and 3 to the South groups of sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 660 scarlet fever patients against numbers increasing from 559 to 623 in the four preceding weeks; 110 cases were admitted to these hospitals during the week, against numbers increasing from 33 to 92 in the six previous weeks. The deaths from *diphtheria*, which had been 38, 25, and 23 in the three preceding weeks, rose last week to 44, and exceeded the corrected average by 27; 2 belonged to Paddington, 2 to Kensington, 2 to St. George Hanover Square, 2 to Westminster, 2 to Marylebone, 3 to Hackney, 8 (including 2 hospital cases admitted from New Nichol Street) to Bethnal Green, 3 to St. George-in-the-East, 5 to Lambeth, and 3 to Camberwell sanitary areas. The 19 fatal cases of *whooping-cough* showed a decline from recent weekly numbers, and were 30 below the corrected average; 3 belonged to Chelsea, 3 to Lambeth, and 2 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had increased in the nine preceding weeks from 13 to 273, were last week 271; 217 were of infants aged under one year, 33 of children aged between one and five years, and 17 of persons aged upwards of 60 years. The deaths of 7 infants and children aged under five years, and of 3 persons aged upwards of five years, were referred to infantile cholera, choleraic diarrhoea, or English cholera.

The deaths referred to *enteric fever*, which had been 8 and 7 in the two preceding weeks, rose again last week to 8, but were 7 below the corrected average; 2 belonged to Paddington sanitary area. The death of a female, aged 60 years, in Lambeth, was indefinitely referred to "continued fever, 5 months." The Metropolitan Asylum Hospitals contained 35 cases of enteric fever and not one of typhus on Saturday last; 8 cases of enteric fever were admitted during the week, against 9 and 2 in the two preceding weeks.

The death of a gardener aged 47 years occurred in St. Mary's Hospital on 23rd instant from hydrophobia.

The deaths referred to diseases of the respiratory organs, which had been 158 and 141 in the two preceding weeks, rose again last week to 160, but were 29 below the corrected average.

Different forms of violence caused 60 deaths; 50 were the result of negligence or accident, among which were 24 from fractures and contusions, 2 from burns and scalds, 10 from drowning, and 9 of infants under one year of age from suffocation. The 24 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in street; 2 by fall on board ship; 1 by fall from scaffold; 1 by fall from load of hay; 2 (one during intoxication) by fall in street; 2 by fall from window; 3 (one during intoxication) by fall down stairs; 1 by fall out of bed; 1 by fall in room; and 5 by injuries the cause of which was not stated. An inquest was held in each of these 24 cases. Six cases of suicide were registered.

GREATER LONDON.

In Greater London 3059 births and 1900 deaths were registered, corresponding to annual rates of 28·3 and 17·6 per 1000 of the estimated population. In the Outer Ring 41 deaths from diarrhoea and 11 from whooping-cough, were registered. The fatal cases of diarrhoea included 7 in West Ham, 4 in Walthamstow, 4 in Croydon, and 4 in Willesden sub-districts. Four deaths from whooping-cough occurred in West Ham, and 2 from "fever" in Croydon sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·59 ins.; the lowest reading was 29·38 ins. on Thursday evening, and the highest 29·83 ins. at the end of the week. The mean temperature of the *air* was 58°·1, and 4°·7 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the coldest day being Tuesday, when the mean fell to 56°·4, and was 6°·4 below the average. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 12·9 miles per hour, which was 3·1 miles above the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·90 of an inch. The duration of registered bright sunshine in the week was 26·5 hours, against 29·2 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 27th July, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 27th July, 1889.		The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.				
		BIRTHS.	DEATHS.	Deaths of 1 Year of Age.		Persons aged 60 Years and upwards.		Deaths from								Deaths in Public Institutions.		Causes of Death.		From All Week's Deaths (Causes.)		From Diseases in Cols. 6-12.			Mean.		In Inches.	In Centi- metres.
				Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Week's Deaths (Causes.)	From Diseases in Cols. 6-12.	19.	20.	Fahrenheit.	Lowest.	Fahrenheit.	Centigrade.						
																							2.		3.	4.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.			
28 TOWNS*	9,555,406	5471	3850	1432	636	-	91	57	67	71	31	682	134	241	565	79	210	5.5	71.1	42.0	56.0	13.33	0.90	2.28	28 TOWNS.			
LONDON	4,351,788	2976	1553	599	261	-	20	6	44	19	9	271	60	113	314	14	18.6	4.4	71.1	47.5	58.1	14.50	0.90	2.29	LONDON.			
BRIGHTON	121,807	47	34	9	8	-	-	1	-	-	-	3	2	6	6	-	14.6	2.1	69.7	49.7	57.9	14.39	0.63	1.60	BRIGHTON.			
PORTSMOUTH	141,253	65	34	11	7	-	-	-	-	-	-	7	1	2	4	-	18.8	4.4	-	-	-	-	-	-	PORTSMOUTH.			
NORWICH	94,510	53	34	11	7	-	-	-	-	-	-	7	1	2	4	-	18.8	4.4	-	-	-	-	-	-	NORWICH.			
PLYMOUTH	75,225	53	42	9	9	-	-	8	3	1	-	2	1	1	3	2	28.0	10.0	69.2	50.5	57.9	14.39	1.15	2.92	PLYMOUTH.			
BRISTOL	229,361	113	72	27	14	-	-	-	-	-	-	13	2	4	4	2	10.4	3.4	68.3	46.5	55.9	13.28	1.06	2.69	BRISTOL.			
WOLVERHAMPTON	82,544	53	31	11	7	-	-	-	-	-	-	1	1	2	4	-	19.6	1.3	67.3	44.9	54.7	12.61	0.34	0.86	WOLVERHAMPTON.			
BIRMINGHAM	454,835	275	192	78	21	-	7	2	1	3	-	46	7	17	32	4	29.0	6.8	-	-	-	-	-	-	BIRMINGHAM.			
LEICESTER	150,620	89	68	41	10	-	-	1	-	-	-	23	1	3	4	-	23.6	8.3	-	-	-	-	-	-	LEICESTER.			
NOTTINGHAM	237,812	147	82	30	17	-	-	3	-	-	1	17	2	4	10	4	18.0	5.3	67.8	42.0	55.5	13.06	1.67	4.24	NOTTINGHAM.			
DERBY	98,629	38	23	11	2	-	-	-	-	-	-	11	-	2	3	1	12.2	5.8	-	-	-	-	-	-	DERBY.			
BIRKENHEAD	102,511	56	40	13	5	-	-	-	-	4	-	5	1	3	3	1	20.4	5.1	-	-	-	-	-	-	BIRKENHEAD.			
LIVERPOOL	696,562	360	306	106	45	-	3	12	2	4	3	52	12	14	53	15	26.3	6.5	63.6	50.3	55.2	12.89	1.00	2.54	LIVERPOOL.			
BOLTON	114,670	91	47	10	12	-	1	1	-	2	-	5	4	6	6	2	21.4	4.1	-	-	-	-	-	-	BOLTON.			
MANCHESTER	978,800	260	182	69	21	-	4	4	1	6	4	28	4	8	29	5	25.1	6.5	-	-	-	-	-	-	MANCHESTER.			
SALFORD	234,283	127	117	39	23	-	5	-	5	4	4	22	1	2	15	6	26.1	9.4	-	-	-	-	-	-	SALFORD.			
OLDHAM	142,405	60	45	11	13	-	-	-	4	-	-	1	2	5	6	2	16.5	2.9	-	-	-	-	-	-	OLDHAM.			
BLACKBURN	121,275	74	57	16	11	-	1	4	1	1	-	2	1	2	7	2	24.5	3.9	-	-	-	-	-	-	BLACKBURN.			
PRESTON	104,194	79	97	44	9	-	13	-	-	3	4	24	3	3	7	2	48.6	22.0	-	-	-	-	-	-	PRESTON.			
HUDDERSFIELD	92,825	45	19	2	8	-	-	2	-	-	-	1	-	-	3	1	10.7	1.7	-	-	-	-	-	-	HUDDERSFIELD.			
HALEFAX	81,080	39	39	7	10	-	2	1	-	-	-	1	-	-	3	3	25.1	2.6	-	-	-	-	-	-	HALEFAX.			
BRADFORD	255,056	92	85	41	9	-	-	-	7	7	-	20	2	4	8	1	18.9	7.5	64.8	45.8	54.5	12.50	1.26	3.20	BRADFORD.			
LEEDS	357,449	289	179	71	25	-	12	3	-	-	4	41	4	6	13	2	26.1	8.9	-	-	-	-	-	-	LEEDS.			
SHEFFIELD	397,227	199	147	55	23	-	4	2	-	-	-	31	2	6	13	3	23.4	6.4	-	-	-	-	-	-	SHEFFIELD.			
HULL	208,017	138	101	39	18	-	8	-	-	4	-	18	6	6	6	2	25.3	7.5	66.0	46.0	55.8	13.22	0.26	0.66	HULL.			
SUNDERLAND	184,183	87	70	27	7	-	2	1	1	-	-	15	3	3	5	1	27.2	7.8	-	-	-	-	-	-	SUNDERLAND.			
NEWCASTLE*	160,983	98	78	20	14	-	-	2	-	3	1	10	1	8	5	1	25.3	5.2	65.0	45.0	54.1	12.28	0.72	1.83	NEWCASTLE.			
CARDIFF*	112,712	83	51	21	5	-	1	-	-	-	-	5	5	7	5	1	23.6	2.8	-	-	-	-	-	-	CARDIFF.			
EDINBURGH	266,900	126	77	21	19	-	3	-	1	1	-	7	3	2	18	24	15.1	2.3	70.6	41.5	57.1	13.94	1.31	3.33	EDINBURGH.			
GLASGOW	528,144	337	205	62	24	-	4	1	4	13	3	17	7	9	30	32	20.3	4.1	71.7	41.9	57.5	14.17	0.56	1.42	GLASGOW.			
DUBLIN	333,082	180	168	28	38	-	4	-	-	3	4	12	1	5	54	11	24.8	3.4	67.6	47.1	56.5	13.61	1.12	2.84	DUBLIN.			

* See note on first page of this Return.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the THIRTIETH Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2482	2488	2755	2577	2631	2530	2459	2701	2579	2353	2736·7	2376
Males . .	1245	1290	1443	1357	1350	1300	1260	1366	1347	1171	1431·7	1174
Females .	1237	1198	1312	1220	1281	1230	1199	1335	1232	1182	1355·0	1202
TOTAL Deaths	1208	1746	2000	1399	1605	1995	1750	1746	2007	1308	1828·1	1553
Males . .	629	976	1052	716	847	1064	924	925	1043	681	965·9	896
Females .	579	770	948	683	758	931	826	821	964	627	862·2	717

The numbers in this column are the average weekly numbers in the thirtieth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.
TOTAL Births - -	2712	2565	2648	2402	2405	2523	2396	2636	2467	2507	2306	2627	2376
TOTAL Deaths - -	1386	1295	1231	1267	1151	1306	1247	1243	1265	1350	1606	1556	1553
Ages at Death { 0–20 years -	626	577	571	608	506	601	564	575	572	723	902	908	898
{ 20–40 " -	184	175	169	152	143	186	173	180	179	168	152	164	166
{ 40–60 " -	266	251	205	221	209	245	227	218	232	221	232	197	223
{ 60–80 " -	258	245	232	224	237	234	236	225	229	205	257	245	212
{ at 80 years & upwds. -	52	47	54	62	51	40	47	45	53	34	63	42	49
" { Under 1 year -	309	287	267	301	242	306	293	281	315	429	617	631	599
{ 1–5 -	246	218	225	222	181	205	184	203	189	208	196	197	216
{ 5–20 -	71	72	79	85	83	90	87	91	68	85	89	80	83
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles -	68	60	53	47	31	39	32	23	33	31	30	29	20
" " Scarlet fever -	15	10	7	16	4	12	11	17	10	9	9	12	6
" " Diphtheria -	21	23	24	21	16	34	26	27	13	38	25	23	44
" " Whooping-cough -	55	37	36	48	49	26	37	27	27	32	26	29	19
" " Typhus -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Enteric fever -	5	5	7	5	9	3	8	7	8	8	8	7	8
" " Simple Cont ^d fever -	2	4	1	1	-	4	2	-	1	-	2	-	1
" " Diarrhoea and Dysentery -	12	10	14	13	14	19	34	40	57	155	258	273	271
" " Cholera -	-	-	-	1	-	1	-	-	-	5	10	10	10
" " all the above-mentioned Diseases -	178	149	142	152	123	138	150	141	149	278	368	383	379
" " Dis. of Respiratory System -	242	213	217	177	162	205	169	171	169	143	158	141	160
" " Phthisis -	143	125	137	148	144	174	162	155	137	138	128	136	150
" " Dis. of Circulatory System -	154	134	97	98	101	97	106	123	99	94	117	102	91
Violent Deaths - -	55	66	51	48	55	58	43	53	39	51	83	43	60
Inquest Cases - -	107	125	85	89	104	91	109	105	90	90	129	83	113
Deaths in Public Institutions -	315	310	311	342	290	323	290	324	314	280	357	348	314
TEMPERATURE OF THE AIR													
Mean -	50·8	57·7	54·0	61·9	55·7	64·3	56·8	59·6	64·1	63·3	63·0	58·7	58·1
Mean of Highest readings -	61·9	67·9	64·5	75·1	64·9	77·2	64·0	72·4	77·1	74·6	72·9	69·9	67·7
Mean of Lowest readings -	41·5	49·1	46·7	50·8	48·0	53·4	51·7	49·7	52·1	53·7	56·2	51·3	51·9
Humidity of the Air - -	79	77	85	77	82	73	89	76	71	71	80	80	82
Rain-fall in inches - -	0·79	0·71	0·19	0·51	1·33	0·31	1·73	0·00	0·02	0·00	0·72	0·43	0·90
Registered Sunshine (in hours) -	39·8	37·5	27·7	49·1	47·2	50·1	3·3	65·3	54·1	51·3	23·0	28·1	26·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLaidsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

CAUSES OF DEATH.

CAUSES OF DEATH.

VIOLENT DEATHS.

(ACCIDENT.)

(HOMICIDE.)

Murder & Manslaughter

(SUICIDE.)

Gunshot Wound -

(EXECUTION.)

Hanging. — —

OTHER CAUSES † -

CHARTER SCHOOL

for the seven years 1882

unvaccinated" which are

negligence."

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9'046 per cent. for increase of population.
† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.
‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."
§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

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TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of													Deaths in Public Institutions.	Uncertified Causes
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from												
					Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON		3,815,704	2376	1553	599	261	-	20	6	44	19	-	8	1	271	60	113	314	
WEST DISTRICTS		669,638	869	273	90	52	-	3	-	7	4	-	3	-	40	4	9	77	
NORTH DISTRICTS		905,947	525	338	136	54	-	1	-	14	2	-	2	-	54	8	17	53	
CENTRAL DISTRICTS		282,238	137	102	39	13	-	4	-	6	-	-	1	-	19	2	10	33	
EAST DISTRICTS		692,738	448	283	102	48	-	2	3	6	2	-	-	-	49	22	43	66	
SOUTH DISTRICTS		1,265,148	909	558	232	94	-	10	3	11	11	-	2	1	109	24	34	80	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.		56883	30	25	8	2	-	-	-	-	-	-	-	-	5	-	1	-	
St. John Paddington H - G.J.		37380	8	9	1	2	-	-	-	-	-	-	2	-	-	-	1	5	
Kensington Town W - W.M.		120141	45	52	10	12	-	-	-	-	-	-	-	-	-	4	27	-	
Brompton H - W.M. & C.		43010	13	10	4	1	-	-	-	1	-	-	-	-	-	-	2	-	
St. Peter Hammersmith - W.M.		7529	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	60	34	16	6	-	-	-	-	-	-	-	7	-	-	4	-	
Fulham W - W.M. & C.		42900	60	52	26	6	-	-	-	2	-	-	-	12	1	1	14	-	
Chelsea South HHH - C.		6398	15	14	5	3	-	-	-	1	-	-	-	2	1	1	2	-	
Chelsea North-west WHHHH - C.		24925	17	13	3	5	-	-	-	-	-	-	-	1	-	-	6	-	
Chelsea North-east - C.		32807	17	11	5	-	-	-	-	2	-	-	-	2	-	-	-	-	
May Fair W - G.J.		10321	9	7	-	3	-	-	-	-	-	-	-	-	-	-	6	-	
Belgrave WHH - C.		59220	29	22	4	7	-	1	-	3	-	-	-	-	1	1	7	-	
St. John Westminster HHH - C.		14496	22	12	7	-	-	-	-	-	-	-	-	4	-	-	-	-	
St. Margaret Westminster H - C.		24679	11	4	-	2	-	-	-	-	1	-	-	-	-	-	2	-	
St. James Westminster WHH N.R. & G.J.		29941	9	6	1	3	-	1	-	-	-	-	-	1	-	-	1	-	
St. Anne Soho HHHHHH - N.R.		16608	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.		26759	7	9	5	2	-	-	-	1	-	-	-	-	1	2	-	-	
Cavendish Square HHHH - W.M.		14391	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WHH G.J. & W.M.		24809	7	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	26	11	4	-	-	-	-	1	-	-	-	-	-	-	1	-	
Christchurch Marylebone HH - W.M.		33700	25	11	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - W.M.		33638	19	10	4	3	-	-	-	-	-	-	-	3	-	1	-	-	
Hampstead W - W.M. & N.R.		45452	23	18	4	5	-	1	-	-	-	-	-	-	-	-	2	-	
Regent's Park Pancras H - W.M.		39115	14	9	4	1	-	-	-	-	-	-	-	3	-	-	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	18	14	7	-	-	-	-	-	-	-	-	4	-	1	6	-	
Gray's Inn Lane HHH - N.R.		30247	11	18	10	2	-	-	-	-	-	-	-	2	-	-	4	-	
Somers Town H - N.R.		34369	19	11	9	-	-	-	-	-	-	-	-	3	-	-	-	-	
Camden Town WH - N.R.		17811	10	12	3	5	-	-	-	-	-	-	-	8	-	-	7	-	
Kentish Town W - N.R.		87487	49	31	11	5	-	-	-	-	-	-	-	3	1	4	8	-	
Upper Holloway WHH - N.R.		67946	48	24	8	8	-	-	-	-	-	-	-	4	-	-	-	-	
Islington South-west HH - N.R.		100976	55	24	13	3	-	-	-	-	-	-	-	7	2	3	-	-	
Islington South-east - N.R.		61825	35	12	4	5	-	-	-	-	1	-	-	2	-	-	-	-	
Highbury H - N.R.		52048	25	14	8	1	-	-	-	1	-	-	-	3	-	-	-	-	
Stoke Newington H - N.R.		22781	14	10	5	1	-	-	-	1	-	-	-	1	-	-	-	-	
Stamford Hill - E.L.		9277	5	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
West Hackney H - N.R.		37610	19	14	5	2	-	-	-	1	-	-	1	2	-	-	-	-	
Hackney W - E.L. & N.R.		76911	60	51	18	8	-	-	9	-	-	-	-	4	2	3	15	-	
South Hackney - E.L.		39883	29	16	7	2	-	-	-	-	-	-	-	3	2	3	-	-	
CENTRAL DISTRICTS.																			
St. George Bloomsbury - N.R.		16681	5	3	2	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. Giles South WH - N.R.		14864	6	11	7	4	-	-	-	-	-	-	-	3	-	-	2	-	
St. Giles North - N.R.		18837	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	5	6	1	-	-	-	-	-	-	-	-	1	-	2	5	-	
St. Mary-le-Strand H - N.R.		7515	1	3	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
St. Clement Danes H - N.R.		8559	4	6	4	-	-	-	-	1	-	-	-	2	-	-	4	-	
Strand Union Workhouse, Edmonton w.		-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	2	-	
St. Geo.-the-Martyr HHHHHH N.R.		18671	8	10	3	-	-	-	-	3	-	-	1	-	-	-	8	-	
St. Andrew Eastern W - N.R.		10706	8	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Hill H - N.R.		6532	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - N.R.		17518	11	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-	
Amwell Clerkenwell - N.R.		19281	11	8	4	1	-	-	-	-	-	-	-	2	-	1	-	-	
Pentonville - N.R.		14773	13	5	3	-	-	-	-	-	-	-	-	1	-	1	-	-	
Goswell-street - N.R.		17506	6	5	3	-	-	-	-	-	-	-	-	3	-	-	-	-	
Old-street H - N.R.		11541	7	3	3	-	-	-	-	-	-	-	-	2	-	-	-	-	
City-road HHL - N.R.		18528	15	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street - N.R.		9217	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - N.R.		7463	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - N.R. & E.L.		11174	6	6	1	-	-	2	-	-	-	-	-	1	-	-	-	-	
Cripplegate - N.R.		7193	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - N.R.		5858	-	13	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - N.R.		8396	2	1	-	-	-	-	-	-	-	-	-	1	1	3	11	-	
Allhallows Barking - N.R.		13666	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London and K. the Kent Company.

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enume- rated Popu- lation, 1861.	Total BIRTHS.	Total DEATHS.	Deaths from													
				Infrants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple continued fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
EAST DISTRICTS.																		
Well Shoreditch	N.R. & E.L.	7376	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Leonard's Shoreditch	H.L.*	14967	5	4	2	1	-	-	-	-	-	-	-	-	-	-	1	-
St. Andrew New Town	" "	29887	25	16	7	6	-	-	-	-	-	-	-	5	-	2	6	-
St. John Old Town	" "	28036	15	10	4	2	-	-	-	-	-	-	-	3	-	-	-	-
St. George's North	N.R. & E.L.	46275	32	28	12	3	-	-	2	-	-	-	-	7	6	7	9	-
St. Mary's North	" "	29738	14	9	3	-	-	-	-	-	-	-	-	2	-	-	-	-
St. Michael's North	E.L.	47922	27	18	8	5	-	-	-	1	-	-	-	2	-	1	4	-
St. Bethnal Green	W.H.L.*	29881	20	6	2	1	-	-	-	-	-	-	-	2	-	1	-	-
St. Bethnal Green	" "	18610	20	5	2	-	-	-	-	-	-	-	-	2	-	-	-	-
St. James's Fields	E.L. & N.R.	22585	7	6	1	1	-	1	-	-	-	-	-	1	-	-	-	-
St. Andrew's Church	H	15473	11	11	5	3	-	-	-	-	-	-	-	2	-	-	5	-
St. Martin's Church	H	17450	7	20	4	-	-	-	-	-	-	-	-	3	5	-	16	-
St. James's Fields	E.L.	9713	7	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-
St. James's Fields	N.R. & E.L.	6102	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George's North	" "	88747	25	15	8	2	-	1	-	-	-	-	-	2	2	3	-	-
St. George's East	W	8410	3	5	1	1	-	-	-	-	-	-	-	-	-	-	2	-
St. Paul's	" "	10995	6	8	3	-	-	-	1	-	-	-	-	3	-	1	2	-
St. Paul's	E.L. & N.R.	16107	11	9	3	-	-	-	-	-	-	-	-	2	-	2	-	-
St. Paul's	" "	92041	22	11	5	1	-	1	-	1	-	-	-	1	1	2	-	1
St. Paul's	E.L.	37980	24	9	3	3	-	-	-	-	-	-	-	3	-	-	-	-
St. Paul's	W.W.H.-E.L.	67553	52	31	11	11	-	1	-	-	-	-	-	3	1	2	5	1
St. Paul's	" "	37074	20	14	5	1	-	-	-	-	-	-	-	1	1	1	-	-
St. Paul's	E.L.	64369	49	26	8	2	-	1	-	-	-	-	-	6	-	4	9	-
St. Paul's	W.H.	55077	41	17	2	4	-	-	-	-	-	-	-	4	-	9	3	-
SOUTH DISTRICTS.																		
St. Andrew Southwark	W.H.	13663	11	6	5	-	-	-	-	-	-	-	-	3	-	-	-	-
St. Andrew Southwark	" "	14999	6	9	5	1	-	-	-	1	-	-	-	2	-	-	-	-
St. Andrew Southwark	" "	21381	17	15	9	1	-	1	-	-	-	-	-	5	1	1	-	2
St. Andrew Southwark	" "	16953	9	10	1	1	-	-	1	2	-	-	-	1	1	1	4	-
St. Andrew Southwark	H.L.	21318	17	11	5	2	-	-	-	-	-	-	-	1	2	3	1	-
St. Andrew Southwark	" "	26672	13	6	1	-	-	-	-	-	-	-	-	7	1	1	2	-
St. Andrew Southwark																		

Asylums Infirmary in Kensington Town sub-district.
Royal London Sick Asylum, in Tottenham Court-road sub-district.
Born Infirmaries in Upper Holloway sub-district.
London City Workhouse } Baceaney sub-district.
} Hoxton New Town sub-district.
Hospitals } Mile End Old Town Eastern sub-dist.
} Mile End Old Town Western sub-dist.
} St. Paul's Eastern sub-dist.
} Bromley sub-district.

Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Romney sub-district.
Poor & Stepney Sick Asylum in Roper-street sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospital at Hampton, Hampstead, Hack-
ney, Brixton, and St. Paul Deptford sub-districts, and in Dartford,
Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS AND DEATHS registered during t
Week ending Saturday, 27th July, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													Deaths in Public Institutions.	Un- classified Causes	
						Deaths of		Deaths from													
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.					
LONDON—OUTER RING						370,924	950,957	638	347	118	76	-	2	3	2	11	4	41	9	20	30
30:1	Carshalton wL -	12258	21118	16	9	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-	4
2	Epsom (part of)* WwH	9971	10710	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon WwHHL -	20851	101241	53	21	8	6	-	-	-	-	-	1	2	4	-	-	-	-	-	1
2	Mitcham w† -	11697	17932	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39:1	Wimbledon HHH -	3220	15950	13	8	3	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-
2	Kingston WHH -	8549	36354	19	21	4	5	-	-	-	-	-	1	-	-	1	2	2	-	-	-
3	Esher (part of)* -	6601	9221	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H -	4573	13539	8	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40:1	Richmond WH -	2272	21302	15	6	3	1	-	-	-	-	-	1	-	2	-	-	-	-	-	-
2	Mortlake -	2941	12331	11	6	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
41:1	Bromley (pt. of)* HH	15669	81142	16	7	2	2	-	-	-	-	-	-	-	3	-	-	-	-	-	-
2	Chislehurst(pt.of)* WHH	14307	15844	7	7	1	3	-	-	-	-	-	1	-	-	-	-	-	-	2	-
42:1	Bexley H -	13437	24134	19	8	2	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
2	Dartford (Ww, pts. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
124:1	Sunbury w -	11055	11685	6	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines W -	13277	12059	8	6	2	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-
125:1	Hillingdon WHH	6029	10802	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Uxbridge -	6178	3225	1	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
3	Hayes wHL -	14587	11523	3	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-
126:1	Isleworth WHH	7008	22727	8	10	5	2	-	-	-	-	-	-	-	-	1	-	1	3	-	-
2	Twickenham H -	2477	12479	5	4	1	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
3	Brentford HL -	4345	27849	8	6	1	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-
4	Chiswick -	1340	15975	8	6	1	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-
5	Acton wH -	6083	22376	12	4	1	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-
127:1	Harrow H -	13809	12793	15	3	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
2	Edgware H -	6994	3749	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	41	19	9	4	-	-	1	-	-	-	-	4	-	1	-	-	-	-
4	Hendon W -	8382	10484	5	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137:1	Bushy -	9331	6621	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128:1	South Mimms -	15599	6391	3	3	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5483	10092	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley HL -	4688	17615	14	3	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-
135:1	Hatfield (part of)*	3806	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey H -	3039	37078	30	11	2	1	-	-	-	-	-	1	-	2	1	2	-	-	-	-
2	Tottenham H -	4642	46456	48	21	10	4	-	-	-	1	-	-	-	3	1	2	3	-	-	-
3	Edmonton Ww† -	7453	23463	18	6	1	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
4	Enfield WH -	12653	19104	16	12	4	4	-	-	-	-	2	-	-	-	-	-	-	2	-	-
5	Waltham Abbey -	11017	5393	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8490	7735	8	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186:1	Stratford -	832	38606	29	11	4	1	-	1	-	-	-	-	-	-	1	1	-	-	-	-
2	West Ham wwwwH†-	7351	101053	90	58	26	5	-	-	1	-	4	-	7	3	3	-	-	-	-	-
3	Leyton WwL -	4972	82430	38	20	7	5	-	-	-	-	-	-	-	2	1	2	5	-	-	-
4	Walthamstow H -	6530	28809	32	11	5	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-
187:1	Chigwell (part of)* H	11761	9639	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
2	Epping (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189:1	Romford (part of)* W	6730	3411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	8	5	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:
 30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1285); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cainham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district: 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district: also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th July, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
EATER LONDON	448,334	5,642,015	17·6	4·0	1900	717	337	-	22	9	46	30	13	312	69	344		
INNER LONDON -	77,410	4,351,738	18·6	4·4	1553	599	261	-	20	6	44	19	9	271	60	314		
OUTER RING -	370,924	1,290,277	14·0	2·5	347	118	76	-	2	3	2	11	4	41	9	30		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
ALCUTTA - -	433,219	June	8	-	165	19·8	-	-	-	-	-	52	39
BOMBAY - -	773,196	"	25	337	338	22·2	9	9	?	?	?	112	24
MADRAS - -	398,777	May	31	345	415	54·0	2	39	?	?	?	103	75
PARIS - -	2,260,945	July	20	1166	980	22·8	3	14	3	25*	17	26	156
RUSSELS - - (with 8 Faubourgs.)	471,606	"	20	244	168	18·5	-	1	-	1	-	1	24
AMSTERDAM -	403,083	"	20	234	163	21·8	-	3	-	3	1	3	-
ROTTERDAM -	197,723	"	20	129	100	26·2	-	6	-	-	-	-	2
THE HAGUE -	153,440	"	20	108	64	21·7	-	-	-	2	1	-	-
COPENHAGEN -	307,000	"	13	196	186	31·6	-	-	2	7	6	-	56
STOCKHOLM -	228,218	"	13	127	120	29·4	-	-	3	2*	-	-	69
CHRISTIANIA -	138,300	"	20	64	79	29·7	-	2	1	3	3	-	24
ST. PETERSBURG	842,883	"	13	-	592	36·6	2	11	7	4	6	19	174
BERLIN - -	1,480,672	"	6	838	897	31·4	-	-	4	10	6	5	402
HAMBURG (State)	575,276	"	13	367	348	31·6	-	-	1	13*	6	4	129
DRESDEN - -	264,196	"	13	166	172	33·9	?	-	1	7*	?	-	63
BRISLAU - -	315,000	"	20	234	237	39·3	-	2	-	5*	2	3	100
MUNICH - -	281,000	"	13	210	235	42·9	-	4	4	5*	2	3	92
VIENNA - -	811,434	"	13	506	444	28·5	-	15	3	9	3	-	78
PRAGUE - -	304,366	"	13	-	182	31·2	4	3	1	3	-	2	6
BUDA-PESTH -	452,907	"	13	334	346	39·7	-	-	1	6	4	8	88
TRIESTE - -	158,084	"	13	-	61	20·1	-	-	-	-	-	-	6
ROME - -	404,449	June	8	-	-	-	-	-	-	-	-	-	-
TURIN (10 days)-	306,398	"	30	-	-	-	-	-	-	-	-	-	-
VENICE - -	153,375	July	6	93	83	28·2	-	-	-	-	-	1	10
CAIRO - -	374,338	June	27	406	376	52·3	9	3	-	1	2	26	151
ALEXANDRIA -	231,396	"	27	167	190	42·8	1	1	-	-	1	8	63
NEW YORK -	1,571,800	July	6	-	953	31·7	-	3	7	13	11	5	325
BROOKLYN -	814,505	"	6	-	484	30·3	-	1	1	12	5	1	175
PHILADELPHIA -	1,040,245	"	6	-	422	21·2	-	-	-	4	3	4	88
BALTIMORE -	500,843	"	6	-	280	29·2	-	-	4	-	-	3	107

* Including deaths from croup.

† Including 19 deaths from cholera in Calcutta, 3 in Bombay, and 5 in Madras.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27TH JULY, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		Phases of the Moon.	TEMPERATURE.				Difference between the Air Temperature and Dew Point.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is above the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			Of the Air.				Of the Dew Point.		Of the Air Temperature.		Of Radiation.		Of the Water of the Thames at Deptford.		Osler's.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			High-est.	Low-est.	Daily Range.	Mean of 30 years.	Mean daily value.	De-pression from average of 30 years.	Mean daily value.	Great-est.	Least.	High-est.	Low-est.	High-est.	Low-est.	General Direction.	P.M.	A.M.		Great-est.	Least.	Mean of 24 hourly obs.	Horizontal Movement of the Air on the Day.	Departure from Average of 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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SUN.	21	..	in.	29.458	71.1	55.0	16.1	60.7	- 2.3	55.7	5.0	14.6	0.0	84	133.9	49.0

DATE.		ELECTRICITY.		Registered Sun above		GENERAL REMARKS.	
JULY.		(For explanation of symbols, see Note.)		Shade, Horizontal, in hours.			
SUNDAY	21			3.9	15.9	Fine generally till noon; frequent heavy rain from 1h. P.M. to 6h. P.M.; slight thunderstorm at 1h. P.M. and 5h. P.M.; afterwards fine.	
MONDAY	22			10.3	15.8	Generally fine.	
TUESDAY	23			4.5	15.8	Generally cloudy; slight thunderstorm in afternoon, with rain and hail; rain in evening; lightning at night.	
WEDNESDAY	24	The electrometer was not in action throughout the week.		2.0	15.7	Generally overcast; occasional slight rain.	
THURSDAY	25			1.8	15.7	Generally overcast; showery till evening.	
FRIDAY	26			3.7	15.7	Fine till afternoon; showery afterwards.	
SATURDAY	27			0.3	15.6	Generally cloudy; some rain in forenoon; slight thunderstorm at 7h. P.M., with rain.	
MEANS				Sum 28.5	Sum 110.2		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no observations have been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.55 in. at the beginning of the week to 29.44 in.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 31. 1889. VOL. L.] WEEK ENDING SATURDAY, AUGUST 3. [Price 1½d.

General Register Office, Somerset House,
6th August, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 13.	July 20.	July 27.	Aug. 3.		July 13.	July 20.	July 27.	Aug. 3.
Birkenhead	22·4	26·0	20·4	14·8	Liverpool -	24·6	29·2	26·3	23·4
Birmingham	22·6	24·3	22·0	23·1	London -	19·2	18·7	18·6	18·4
Blackburn -	23·7	15·5	24·5	20·2	Manchester -	26·7	29·9	25·1	27·0
Bolton -	26·4	18·2	21·4	19·6	Newcastle-on-Tyne*	31·8	26·9	25·3	25·9
Bradford*	22·9	19·3	18·9	20·9	Norwich -	16·0	16·0	18·8	24·3
Brighton -	15·9	12·0	14·6	14·1	Nottingham -	20·4	18·2	18·0	19·7
Bristol -	16·4	15·5	16·4	15·7	Oldham -	20·5	14·7	16·5	23·8
Cardiff*	20·8	17·6	23·6	21·8	Plymouth -	24·0	21·3	28·0	24·7
Derby -	19·6	15·4	12·2	18·5	Portsmouth -	22·5	19·2	21·8	19·6
Halifax -	20·6	16·7	25·1	19·3	Preston -	30·5	38·1	48·6	42·6
Huddersfield	12·9	21·4	10·7	15·7	Salford*	26·7	25·6	26·1	24·5
Hull -	22·3	18·6	25·3	21·8	Sheffield -	23·3	20·4	23·4	20·7
Leeds -	25·8	28·5	26·1	23·2	Sunderland -	30·3	26·8	27·2	28·8
Leicester*	28·1	26·0	23·6	21·5	Wolverhampton -	14·5	17·1	19·6	19·6

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Plymouth and in Newcastle-upon-Tyne, 1·6 in Leeds, 1·9 in Halifax, and 6·0 in Preston; from *scarlet fever*, 1·1 in Huddersfield, 1·4 in Bolton, and 8·0 in Plymouth; from *whooping-cough*, 1·1 in Portsmouth, and 1·9 in Sunderland; from "*fever*," 1·5 in Preston; and from *diarrhœa*, 5·1 in Salford and in Sunderland, 5·9 in Birmingham, 6·9 in Leicester, and 10·5 in Preston. No death from *small-pox* was registered in any of the twenty-eight great towns. The 65 deaths from *diphtheria* included 45 in London, 5 in Manchester, 3 in Salford, and 3 in Sunderland.

LONDON.

In LONDON 2481 BIRTHS and 1532 DEATHS were registered. Allowing for increase of population, the births were 125, and the deaths 188, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·2, 18·7, and 18·6 in the three preceding weeks, further declined last week to 18·4. During the first five weeks of the current quarter the mean death-rate was 18·2 per 1000, and was 2·5 per 1000 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1532 deaths included 25 from *measles*, 11 from *scarlet fever*, 45 from *diphtheria*, 22 from *whooping-cough*, 8 from *enteric fever*, 199 from *diarrhœa* and *dysentery*, 4 from *cholera* and *choleraic diarrhœa*, and not one from *small-pox*,

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

typhus, or ill-defined forms of continued fever; thus, 314 deaths were referred to these diseases, being 139 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; and no case of small-pox was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had declined from 33 to 20 in the five previous weeks, rose to 25 last week, but were 26 below the corrected average; 5 belonged to Pancras sanitary area. The deaths from *scarlet fever*, which had been 9, 12, and 6 in the three preceding weeks, rose again to 11 last week, being, however, 26 below the corrected average; 5 occurred in the West group of sanitary areas, of which 3 belonged to Kensington. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 727 scarlet fever patients, against numbers increasing from 559 to 660 in the five preceding weeks; 124 cases were admitted to these hospitals during the week, against numbers increasing from 33 to 110 in the seven previous weeks. The deaths from *diphtheria*, which had been 38, 25, 23, and 44 in the four preceding weeks, further rose to 45 last week, a number higher than that recorded in any week of this year, and exceeding the corrected average by 32; 2 belonged to Paddington, 2 to Kensington, 3 to Hackney, 3 to Clerkenwell, 2 to Shoreditch, 8 (including 2 hospital cases admitted from one house in Cordova Road) to Bethnal Green, 3 to Mile End Old Town, 3 to Lambeth, and 8 to Camberwell sanitary areas. The 22 deaths from *whooping-cough*, though exceeding the low number in the previous week by 3, were 21 below the corrected average; 3 belonged to Chelsea, and 4 to Camberwell sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 273 and 271 in the two preceding weeks, fell to 199 last week, and were 78 below the corrected average; 165 were of children under one year of age. The deaths of 4 children under two years of age were ascribed to infantile cholera, choleraic diarrhœa, or English cholera.

The deaths referred to *enteric fever*, which had been 8 or 7 in each of the seven preceding weeks, were again 8 last week, and were 4 below the corrected average. There were 43 cases of enteric fever and not one of typhus under treatment in the Metropolitan Asylum Hospitals on Saturday last; 10 cases were admitted during the week, against 9, 2, and 8 in the three previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 141 and 160 in the two preceding weeks, further rose to 182 last week, but were 11 below the corrected average.

A female, aged 34 years, who died in Charing Cross Hospital, was reported, after inquest, to have died "whilst under an anæsthetic prior to intended operation."

Different forms of violence caused 70 deaths; 55 were the result of negligence or accident, among which were 19 from fractures and contusions, 2 from burns and scalds, 12 from drowning, 5 from poison, and 10 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:— 3 by accidents from vehicles and horses in the streets; 4 by accidents on railways; 1 by fall from scaffold; 1 by fall from ladder; 1 by fall in street; 1 by fall over heap of bricks; 4 by fall down stairs; 2 by fall in room; and 2 by fracture, the cause of which was not stated. An inquest was held in each of these cases, except one of the last two. Twelve cases of suicide were registered, exceeding the corrected average by 5.

GREATER LONDON.

In Greater London 3315 births and 1934 deaths were registered, corresponding to annual rates of 30·7 and 17·9 per 1000 of the estimated population. In the Outer Ring 64 deaths from diarrhœa and 9 from diphtheria were registered. The fatal cases of diarrhœa included 10 in West Ham, 8 in Isleworth, 5 in Willesden, 5 in Hornsey, and 5 in Tottenham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·85 ins.; the highest reading was 29·97 ins. on Tuesday morning, and the lowest 29·68 ins. on Saturday afternoon. The mean temperature of the air was 64°·9, and 2°·3 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday, Monday, and Saturday, but above the average on the other days of the week, the excess on Thursday being 7°·7. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 8·9 miles per hour, which was 1·2 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·20 of an inch. The duration of registered bright sunshine in the week was 36·5 hours, against 48·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY, during the Week ending 3rd August, 1889.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1889.	Registered during the Week ending 3rd Aug. 1889.		Deaths of 1 Year of Age.		Deaths of 60 Years and upwards.		Deaths from								TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.			
		BIRTHS.	DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	Annual Rate per 1000, corresponding to the Week's Deaths		Mean.		In Inches.	In Cent.				
																	From All Causes.	From Diseases in Col. 6-12.	Highest.	Lowest.				Fahrenheit.	Fahrenheit.	
Col.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Col.	
28 TOWNS*	9,555,406	5770	3763	1361	708	-	79	59	65	69	41	578	138	235	615	76	20.5	4.9	86.6	46.0	62.1	16.72	0.30	0.76	- 28 TOWNS.	
LONDON	4,351,738	2481	1632	555	312	-	25	11	45	22	8	109	70	115	325	15	13.4	3.7	86.6	50.4	64.9	18.28	0.20	0.51	LONDON.	
BRIGHTON	321,807	46	33	11	6	-	2	-	1	1	1	5	1	2	2	2	14.1	4.3	78.1	54.8	63.0	17.22	0.22	0.56	BRIGHTON.	
PORTSMOUTH	141,253	87	53	25	12	-	-	-	-	3	-	13	4	4	6	-	19.6	5.9	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	59	44	18	11	-	1	-	-	1	8	3	3	7	7	-	24.3	5.5	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	78,225	60	37	8	9	-	2	12	-	1	-	-	-	4	4	-	24.7	10.0	76.7	55.0	62.5	16.94	0.69	1.75	PLYMOUTH.	
BRISTOL	229,361	146	69	23	17	-	-	-	-	2	-	9	-	1	11	3	15.7	3.0	76.4	51.0	61.7	16.50	0.40	1.02	BRISTOL.	
WOLVERHAMPTON	82,544	49	31	12	9	-	-	-	-	-	-	3	2	2	6	-	19.6	1.9	79.6	48.8	61.0	16.11	0.15	0.83	WOLVERHAMPTON.	
BIRMINGHAM	454,835	272	201	84	27	-	2	5	1	4	1	51	5	13	36	10	23.1	7.3	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER	150,520	87	62	34	11	-	-	1	-	-	-	20	4	8	8	1	21.5	7.3	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	129	90	32	17	-	-	1	-	-	4	15	3	4	8	3	19.7	4.4	78.7	48.8	62.0	16.67	0.24	0.61	NOTTINGHAM.	
DERBY	98,629	47	35	10	8	-	-	1	-	-	4	4	1	4	7	1	18.5	2.6	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,541	63	29	9	3	-	1	-	-	2	-	4	4	6	6	-	14.8	3.6	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,662	336	272	93	32	-	1	5	1	5	6	48	12	17	49	19	23.4	5.7	78.0	49.3	61.1	16.17	0.47	1.19	LIVERPOOL.	
ROTON	114,670	60	43	11	9	-	2	3	1	1	-	6	1	1	1	-	19.6	5.9	-	-	-	-	-	-	ROTON.	
MANCHESTER	378,800	254	196	53	37	-	4	5	5	5	2	21	5	13	49	2	27.0	5.8	-	-	-	-	-	-	MANCHESTER.	
SALFORD	234,283	142	110	41	13	-	-	4	3	1	3	23	3	7	13	2	24.5	7.6	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	92	65	26	13	-	-	1	-	2	-	11	1	2	7	2	23.8	5.1	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,275	93	47	12	8	-	-	2	-	-	1	6	-	1	1	1	20.2	3.9	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,194	71	35	32	15	-	12	-	1	2	3	21	1	1	6	1	42.6	19.5	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	32,825	43	28	6	7	-	2	2	-	-	-	1	1	1	1	4	15.7	2.8	-	-	-	-	-	-	HUDDESFIELD.	
HALIFAX	81,080	40	30	11	7	-	3	-	-	-	-	2	1	1	3	2	19.3	3.2	-	-	-	-	-	-	HALIFAX.	
BRADFORD	235,056	137	94	28	24	-	4	2	-	3	1	11	4	5	6	2	20.9	4.7	77.5	51.8	60.9	16.06	0.26	0.68	BRADFORD.	
LEEDS	337,449	225	159	63	23	-	11	-	1	2	4	30	4	5	14	1	23.2	7.0	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	327,227	210	130	46	20	-	-	5	1	3	2	20	-	5	9	2	20.7	4.9	-	-	-	-	-	-	SHEFFIELD.	
HULL	208,017	163	87	33	20	-	1	-	-	3	1	17	4	8	9	2	21.8	5.5	75.0	46.0	60.8	16.00	0.14	0.36	HULL.	
SUNDERLAND	134,193	102	74	25	16	-	2	-	-	5	-	13	2	4	3	2	23.8	8.9	-	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE*	160,983	127	80	39	9	-	4	1	-	2	-	10	1	2	6	3	25.9	5.5	77.0	52.0	63.1	17.28	0.24	0.61	NEWCASTLE.	
CARDIFF*	112,712	89	47	21	13	-	-	-	-	-	1	7	1	1	1	9	-	21.8	3.7	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	143	88	19	17	-	3	-	1	3	1	4	3	3	11	14	17.2	2.3	77.3	49.9	61.5	16.39	0.09	0.23	EDINBURGH.	
GLASGOW	528,144	343	208	57	27	-	1	2	1	6	5	25	13	9	48	27	20.5	4.0	-	-	-	-	-	-	GLASGOW.	
DUBLIN	363,082	174	140	41	29	-	4	-	-	1	2	8	1	1	47	16	20.7	2.2	73.8	47.5	61.1	16.17	0.45	1.14	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FIRST Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2396	2270	2242	2546	2505	2589	2164	2336	2317	2530	2605·7	2481
Males . .	1206	1092	1129	1329	1253	1300	1109	1181	1173	1306	1317·1	1216
Females .	1190	1178	1113	1217	1252	1289	1055	1155	1144	1224	1288·6	1265
TOTAL Deaths	1349	1698	1717	1369	1465	1767	1720	1620	1759	1309	1720·0	1532
Males . .	706	883	854	686	738	938	935	836	938	663	891·7	825
Females .	643	815	863	683	727	829	785	784	821	646	828·3	707

The numbers in this column are the average weekly numbers in the thirty-first weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.
TOTAL Births	2565	2648	2402	2405	2523	2396	2636	2467	2507	2306	2627	2376	2481
TOTAL Deaths	1295	1231	1267	1151	1306	1247	1243	1265	1350	1605	1556	1553	1532
Ages at Death													
{ 0–20 years	577	571	608	506	601	564	575	572	722	902	908	898	850
{ 20–40 "	175	169	152	143	186	173	180	179	168	151	164	166	161
{ 40–60 "	251	205	221	209	245	227	218	232	221	232	197	223	209
{ 60–80 "	245	232	224	237	234	236	225	229	205	257	245	212	261
{ at 80 years & upwds.	47	54	62	51	40	47	45	53	34	63	42	49	51
" Under 1 year	287	267	301	242	306	293	281	315	429	617	631	599	555
" 1–5	218	225	222	181	205	184	203	189	208	196	197	216	193
" 5–20	72	79	85	83	90	87	91	68	85	89	80	83	102
Deaths from Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
" " Measles	60	53	47	31	39	32	23	33	31	30	29	20	25
" " Scarlet fever	10	7	16	4	12	11	17	10	9	9	12	6	11
" " Diphtheria	23	24	21	16	34	26	27	13	38	25	23	44	45
" " Whooping-cough	37	36	48	49	26	37	27	27	32	26	29	19	22
" " Typhus	—	—	—	—	—	—	—	—	—	—	—	—	—
" " Enteric fever	5	7	5	9	3	8	7	8	8	8	7	8	8
" " Simple Cont ^d fever	4	1	1	—	4	2	—	1	—	2	—	1	—
" " Diarrhoea and Dysentery	10	14	13	14	19	34	40	57	155	253	273	271	199
" " Cholera	—	—	1	—	1	—	—	—	5	10	10	10	4
" " all the above-mentioned Diseases	149	142	152	123	138	150	141	149	278	368	383	379	314
" " Dis. of Respiratory System	213	217	177	162	205	169	171	169	143	158	141	160	182
" " Phthisis	125	137	148	144	174	162	155	137	138	127	136	150	126
" " Dis. of Circulatory System	134	97	98	101	97	106	123	99	94	117	102	91	110
Violent Deaths	66	51	48	55	58	48	53	39	51	33	43	60	70
Inquest Cases	125	85	89	104	91	109	105	90	90	129	83	113	115
Deaths in Public Institutions	310	311	342	290	323	290	324	314	280	356	343	314	325
TEMPERATURE OF THE AIR													
Mean	57·7	54·0	61·9	55·7	64·3	56·8	59·6	64·1	63·3	63·0	53·7	58·1	64·9
Mean of Highest readings	67·9	64·5	75·1	64·9	77·2	64·0	72·4	77·1	74·6	72·9	69·9	67·7	76·2
Mean of Lowest readings	49·1	46·7	50·8	48·0	53·4	51·7	49·7	52·1	53·7	56·2	51·3	51·9	55·3
Humidity of the Air	77	85	77	82	73	89	76	71	71	80	80	82	76
Rain-fall in inches	0·71	0·19	0·51	1·33	0·31	1·73	0·00	0·02	0·00	0·72	0·43	0·90	0·20
Registered Sunshine (in hours)	37·5	27·7	49·1	47·2	50·1	3·3	65·3	54·1	51·3	23·0	23·1	26·5	36·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lvall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 31st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 3rd August 1889.								CAUSES OF DEATH.	Corrected Averages for the 31st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 3rd August 1889.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.				
ALL CAUSES - -	1720.0	1532	555	193	102	161	209	261	51	Diseases of Organs of Special Sense † - -	2.3	2	1	-	-	1	-	-	-
Small-pox { Vaccinated † - -	6.7	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	89.3	110	1	-	4	19	25	57	4
Unvaccinated - -		-	-	-	-	-	-	-	-	Croup - - - - -	9.6	11	2	7	2	-	-	-	-
No Statement - -		-	-	-	-	-	-	-	-	Bronchitis - - -	93.8	105	82	22	-	3	16	30	2
Measles - - - - -	50.6	25	6	19	-	-	-	-	-	Pneumonia - - -	60.1	37	7	10	2	6	7	4	1
Scarlet Fever - -	38.5	11	2	4	5	-	-	-	-	Pleurisy - - - -	4.4	6	-	2	-	2	1	1	-
Typhus - - - - -	0.9	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	19.7	23	6	5	3	-	3	4	2
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	13.1	12	5	7	-	-	-	-	-
Influenza - - - -	0.0	-	-	-	-	-	-	-	-	Quinsy, Sore Throat †	1.7	4	-	4	-	-	-	-	-
Whooping-cough -	43.4	22	13	8	-	-	-	1	-	Enteritis - - - -	16.5	21	16	1	1	1	-	1	-
Diphtheria - - -	13.4	45	4	20	20	-	-	-	-	Peritonitis - - -	6.1	5	-	2	-	1	2	-	-
Simple Continued and Ill-defined Fever -	2.0	-	-	-	-	-	-	-	-	Diseases of Liver - -	30.5	36	1	-	1	5	15	12	2
Enteric Fever - -	11.9	8	-	1	1	3	1	2	-	Other Diseases of Digestive System -	36.6	37	16	-	4	5	6	6	-
Cholera - - - - -	10.7	4	3	1	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - -	1.8	1	-	-	1	-	-	-	-
Diarrhoea, Dysentery	277.0	199	165	21	4	-	1	6	2	Diseases of Urinary System - - - -	36.3	30	-	-	4	4	7	13	2
Remittent Fever † -	0.6	1	-	-	-	1	-	-	-	Diseases of Generative System & of Childbirth -	5.6	7	-	-	-	3	4	-	-
Hydrophobia - -	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.8	5	-	-	-	4	1	-	-
Glanders - - - -	0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	6.8	10	1	-	5	2	2	-	-
Corpox and Effects of Vaccination † - -	0.2	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - -	5.6	5	1	-	-	-	2	2	-
Venereal Affections	12.2	14	9	3	-	-	2	-	-	VIOLENT DEATHS.‡									
Erysipelas - - -	6.4	2	-	-	-	2	-	-	-	(ACCIDENT.)									
Pyæmia and Septicæmia †	2.1	2	-	-	-	2	-	-	-	Fracture and Contusion	20.2	19	-	-	4	3	2	4	2
Puerperal Fever - -	5.1	5	-	-	-	5	-	-	-	Gunshot Wound - -	0.0	-	-	-	-	-	-	-	-
Other Zymotic Diseases †	1.1	-	-	-	-	-	-	-	-	Cut, Stab - - - -	0.2	1	-	-	1	-	-	-	-
Thrush - - - - -	4.9	6	3	-	-	-	-	-	-	Burn and Scald - -	3.3	2	-	-	1	-	-	-	-
Worms and other Parasitical Diseases - -	0.2	-	-	-	-	-	-	-	-	Poison - - - - -	1.5	5	-	-	1	2	1	-	-
Starvation, Want of Breast-milk † - -	4.4	3	3	-	-	-	-	-	-	Drowning - - - -	10.9	12	1	1	8	1	1	1	-
Alcoholism - - -	4.8	9	-	-	-	6	2	1	-	Suffocation - - -	7.7	12	10	-	-	-	-	1	-
Rheumatic Fever, Rheumatism of Heart†	5.6	2	-	-	1	-	1	-	-	Otherwise - - - -	3.4	4	1	1	1	-	-	1	-
Rheumatism † - -	1.5	5	-	-	-	1	1	2	1	(HOMICIDE.)									
Gout - - - - -	2.1	4	-	-	-	-	1	2	1	Murder & Manslaughter	1.0	3	-	-	-	2	1	-	-
Rickets † - - - -	3.5	6	3	3	-	-	-	-	-	(SUICIDE.)									
Cancer - - - - -	51.4	47	-	-	-	4	20	21	2	Gunshot Wound - -	1.0	3	-	-	-	2	1	-	-
Tabes Mesenterica -	55.3	34	22	8	3	-	1	-	-	Cut, Stab - - - -	1.0	-	-	-	-	-	-	-	-
Tubercular Meningitis	31.5	32	10	16	4	1	1	-	-	Poison - - - - -	1.3	2	-	-	-	-	1	1	-
Phthisis - - - -	157.5	123	1	1	11	57	43	8	-	Drowning - - - -	1.6	6	-	-	1	2	1	1	-
Scrofula, Tuberculosis	20.0	20	16	4	3	2	4	-	-	Hanging - - - - -	1.5	1	-	-	-	1	-	-	-
Other Constitutional Diseases † - -	7.3	8	1	-	-	1	2	3	1	Otherwise - - - -	0.5	1	-	-	-	1	-	-	-
Premature Birth - -	36.2	26	26	-	-	-	-	-	-	(EXECUTION.)									
Atelectasis † - - -	3.7	4	4	-	-	-	-	-	-	Hanging - - - - -	0.1	-	-	-	-	-	-	-	-
Congenital Malformations - - -	6.0	9	9	-	-	-	-	-	-	OTHER CAUSES † - -	96.8	87	83	1	-	-	-	2	1
Old Age - - - - -	42.4	46	-	-	-	-	-	25	21										
Apoplexy - - - -	41.0	34	-	-	1	4	7	20	2										
Epilepsy - - - - -	6.9	10	-	-	1	1	-	6	2										
Convulsions - - -	53.5	43	42	5	1	-	-	-	-										
Other Diseases of Brain and Nervous System	83.5	80	24	10	6	3	14	21	2										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include													
					Deaths of		Deaths from											
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhœa.	Violence.	Inquest Cases.	Deaths in Public Institutions.
LONDON		3,815,704	2481	1532	555	312	-	25	11	45	22	-	8	-	199	70	115	325
West Districts	-	689,693	398	284	85	62	-	4	5	7	4	-	2	-	29	14	23	69
North Districts	-	905,947	550	330	108	78	-	7	2	8	5	-	5	-	35	19	23	63
Central Districts	-	282,288	137	94	24	15	-	1	1	3	-	-	-	-	5	7	14	30
East Districts	-	692,738	484	289	111	58	-	5	1	13	2	-	-	-	48	11	26	85
South Districts	-	1,362,148	912	535	227	99	-	8	2	14	11	-	1	-	83	19	24	73
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																		
St. Mary Paddington WHH G.J. & W.M.	-	69888	45	26	8	4	-	-	-	1	-	-	-	-	2	3	3	3
St. John Paddington H	-	87390	18	8	1	-	-	-	-	1	-	-	-	-	3	2	2	11
Kensington Town Ww	-	120141	49	37	7	14	-	-	-	-	-	-	-	-	-	-	1	1
Brompton H	-	48010	15	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith	-	7699	3	-	-	-	-	-	-	-	-	-	-	-	5	4	6	6
St. Paul Hammersmith H W.M. & G.J.	-	64340	60	32	15	2	-	1	4	1	1	-	-	-	5	1	2	12
Fulham Ww	-	42900	58	45	15	12	-	-	-	-	2	-	-	-	4	2	2	4
Chelsea South HHH	-	8986	21	18	9	-	-	2	-	-	1	-	-	-	1	-	-	11
Chelsea North-west WHHHH C.	-	24925	24	22	3	5	-	-	-	-	-	-	-	-	1	-	-	-
Chelsea North-east	-	32807	21	11	5	2	-	-	-	-	-	-	-	-	-	-	-	3
May Fair WW	-	80353	5	7	1	5	-	-	-	-	-	-	-	-	3	-	3	6
Belgrave WHH	-	69220	25	26	5	7	-	-	-	-	-	-	-	-	2	1	2	-
St. John Westminster HHH	-	35498	28	15	6	2	-	-	-	1	2	-	-	-	1	-	-	5
St. Margaret Westminster H	-	24679	11	9	3	1	-	-	-	-	-	-	-	-	-	-	1	2
St. James Westminster WHH N.R. & G.J.	-	29941	11	11	4	2	-	-	-	-	-	-	-	-	1	-	-	1
St. Anne Soho HHHHHH	-	14608	4	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																		
Albion Marylebone HHHH	-	23759	12	14	2	5	-	-	-	-	-	-	1	-	-	-	-	10
Carvedish Square HHHH	-	14391	7	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1
Rectory Marylebone WH	-	24909	18	7	1	4	-	-	-	-	-	-	-	-	1	-	-	1
St. Mary Marylebone HHH G.J. & W.M.	-	21118	22	11	4	4	-	-	-	-	-	-	-	-	1	-	-	1
Christchurch Marylebone HHH	-	33700	21	12	6	2	-	1	-	-	-	-	-	-	1	-	-	-
St. John Marylebone H	-	33633	30	8	4	1	-	-	-	1	-	-	-	-	1	-	-	-
Hampstead Ww	-	45452	34	13	2	6	-	1	1	-	1	-	-	-	3	1	1	1
Regent's Park Panera H	-	89115	16	16	8	4	-	3	-	-	-	-	-	-	4	1	2	-
Tottenham-court WHHHH N.R. & W.M.	-	27729	6	19	6	1	-	2	-	-	1	-	-	-	1	2	2	8
Gray's Ina Lane HHH	-	30247	28	12	5	2	-	-	-	-	-	-	-	-	2	-	2	4
Somers Town H	-	34399	24	14	6	3	-	-	-	-	-	-	1	-	2	-	2	8
Camden Town WH	-	17311	14	13	5	3	-	-	-	1	-	-	-	-	2	2	3	3
Kentish Town W	-	87487	46	23	3	4	-	-	1	-	-	-	-	-	1	2	3	8
Upper Holloway WWH	-	67946	63	29	10	8	-	-	-	-	-	-	-	-	4	4	3	5
Islington South-west HH	-	100976	54	29	7	7	-	-	-	1	-	-	-	-	3	-	-	-
Islington South-east	-	81825	22	15	7	5	-	-	-	-	-	-	-	-	-	-	-	-
Highbury H	-	52048	33	12	4	1	-	-	-	-	2	-	-	-	2	1	2	-
Stoke Newington H	-	22781	8	10	3	2	-	-	-	1	-	-	-	-	1	-	-	-
Stamford Hill	-	9277	4	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-
West Hackney H	-	37610	19	11	3	3	-	-	-	-	-	-	1	-	2	2	2	2
Hackney WwWH	-	76911	57	36	9	9	-	-	-	-	-	-	1	-	3	3	4	15
South Hackney	-	39893	37	17	6	2	-	-	-	4	-	-	-	-	1	1	-	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury	-	16681	7	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH	-	14864	10	5	1	2	-	-	-	-	-	-	-	-	1	-	2	1
St. Giles North	-	18837	2	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.	-	17508	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H	-	7515	4	1	-	-	-	-	-	-	-	-	-	-	-	2	2	1
Rt. Clement Danes H	-	8559	5	8	2	1	-	-	-	-	-	-	-	-	1	1	1	5
Strand Union Workhouse, Edmonton w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo.-the-Martyr HHHHHH N.R.	-	16671	9	13	3	1	-	1	-	-	-	-	-	-	-	1	1	11
St. Andrew Eastern W	-	10706	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2
Radford Hill H	-	6588	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell	-	17516	4	5	-	-	-	-	-	-	-	-	-	-	-	1	2	-
Anwell Clerkenwell	-	18281	7	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Pearceville	-	14773	14	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	-	17508	13	6	1	1	-	-	-	1	-	-	-	-	-	-	-	-
Oso-street H	-	11541	2	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-
City-road HHL	-	18628	28	6	3	-	-	-	-	-	-	-	-	-	1	-	-	1
Whitecross-street	-	9317	7	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Finchbury	-	7463	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H	-	11174	4	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	-	7193	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H	-	3393	4	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bride W	-	8395	4	2	1	-	-	-	-	2	-	-	-	-	-	-	1	10
Albhallows Barking	-	13666	-	3	1	2	-	-	-	-	-	-	-	-	-	-	-	1
Broad Street H	-	5652	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 3rd August, 1889.

REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of																Deaths from																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small- pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
EAST DISTRICTS.					7376	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 3rd August, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unnatural Causes.
LONDON—OUTER RING		370,924	950,957	884	402	145	82	-	4	1	9	6	4	64	16	24	49	-
30:1	Carshalton wL -	12228	21118	8	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Epsom (part of)* wWH	9971	10710	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
37:1	Godstone (part of)* -	2754	1335	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon wWHHL -	20851	101841	64	36	12	6	-	-	-	-	-	-	3	1	1	14	-
2	Mitcham w†	11697	17932	22	2	-	1	-	-	-	-	-	1	-	-	-	-	-
39:1	Wimbledon HHH -	3220	15950	13	4	1	1	-	-	-	-	-	-	-	-	-	-	1
2	Kingston WHH -	8549	36354	31	17	4	5	-	-	-	-	-	-	2	-	-	-	4
3	Esher (part of)* -	6601	9221	5	1	1	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H -	4573	13339	11	9	2	2	-	-	-	-	-	-	-	2	2	2	-
40:1	Richmond WH -	2272	21302	10	8	2	3	-	-	-	-	-	-	1	2	2	2	-
2	Mortlake -	2941	12331	5	8	2	2	-	-	-	1	2	-	1	-	-	-	-
41:1	Bromley (pt. of)* HH	15669	81142	17	10	5	2	-	-	-	-	-	-	3	-	-	-	-
2	Chislehurst (pt. of)* WHH	14307	16944	21	11	4	6	-	-	-	-	-	-	-	-	1	-	-
42:1	Bexley H -	13437	24134	16	8	3	-	-	1	-	1	-	-	3	1	1	-	-
2	Dartford (W, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124:1	Sunbury w -	11055	11633	5	4	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines W -	13277	12089	13	7	2	2	-	-	-	-	-	-	-	1	1	2	-
125:1	Hillingdon WHH -	6020	10802	4	5	2	1	-	-	-	-	-	-	1	-	-	-	-
2	Uxbridge -	6178	2225	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes wHL -	14687	11523	8	5	2	-	-	-	-	1	-	-	-	-	1	-	-
126:1	Isleworth WHH -	7008	22727	22	15	10	2	-	-	-	-	-	-	6	-	-	3	-
2	Twickenham H -	2477	12479	14	2	2	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL -	4345	27649	23	18	3	4	-	-	-	1	-	-	2	-	-	-	-
4	Chiswick -	1340	15975	9	12	2	5	-	-	-	-	-	-	-	-	2	-	-
5	Acton wH -	6083	22376	12	11	4	3	-	-	-	1	-	1	2	-	1	-	-
127:1	Harrow H -	13809	12796	4	4	1	1	-	1	-	-	1	-	-	-	-	-	-
2	Edgware H -	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willisden -	4383	27453	29	16	8	2	-	-	-	1	-	-	5	1	1	-	-
4	Hendon W -	8382	10484	15	6	2	1	-	-	-	1	-	-	1	-	1	2	-
137:1	Bushey -	9331	6631	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128:1	South Mimms -	15599	6391	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5433	10092	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley HL -	4688	17615	13	12	2	-	-	-	-	-	-	-	-	-	-	8	-
135:1	Hatfield (part of)* -	3306	583	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey H -	3039	37073	34	14	4	1	-	-	-	-	-	1	5	-	-	-	-
2	Tottenham H -	4642	46456	61	22	8	5	-	-	-	1	-	-	5	1	3	3	-
3	Edmonton wW‡	7453	23463	25	12	4	2	-	-	-	-	-	-	1	-	-	2	-
4	Enfield WH -	12653	19104	17	16	2	3	-	-	-	-	1	-	-	-	-	1	-
5	Waltham Abbey -	11017	5348	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	3490	7735	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford -	892	38606	30	18	6	4	-	1	-	-	-	1	3	1	1	-	-
2	West Ham wwwwH§	7351	101033	121	40	21	4	-	1	-	1	2	-	10	4	4	-	-
3	Leyton wuL -	4372	32450	33	16	6	6	-	-	-	-	-	-	-	-	-	4	1
4	Walthamstow H -	6590	28869	46	14	5	2	-	-	-	-	-	-	3	-	-	1	1
137:1	Chigwell (part of)* H	11761	9649	8	6	3	-	-	-	1	-	-	-	2	1	1	-	-
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139:1	Romford (part of)* W	6730	3411	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	6	8	2	-	-	-	-	-	-	-	1	-	-	-	-
3	Barking Town -	4127	9203	17	9	7	-	-	-	-	-	-	-	2	1	1	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37:1, the parishes of Warringham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1313); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5.)

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd August, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include													
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											Deaths in Public institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.			
EATER LONDON	448,334	5,642,015	17·9	3·7	1934	700	394	-	29	12	54	28	12	263	86	374			
INNER LONDON -	77,410	4,351,738	18·4	3·7	1532	555	312	-	25	11	45	22	8	199	70	325			
OUTER RING -	370,924	1,290,277	16·3	3·6	402	145	82	-	4	1	9	6	4	64	16	49			

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
LOUTTA - -	433,219	June 15	-	189	22·7	1	-	-	-	-	47	32†	
MBAY - -	773,196	July 2	313	431	24·7	-	10	?	?	?	125	40†	
ADRAE - -	398,777	June 7	-	-	-	-	-	-	-	-	-	-	
RIS - - -	2,260,945	July 27	1173	967	22·2	1	29	5	24*	14	14	172	
USSELS (18 Faubourgs.)	471,606	" 27	256	189	20·8	-	1	-	-	3	2	49	
STERDAM -	403,083	" 27	263	171	22·2	-	3	-	3	1	2	-	
TTREDAM -	197,723	" 27	138	100	26·2	-	4	-	1	1	-	2	
AGUE - -	153,440	" 27	106	76	25·7	-	-	-	-	1	-	1	
ENHAGEN -	307,000	" 20	204	162	27·5	-	-	3	5	6	1	37	
CKHOLM -	228,218	" 20	143	120	27·3	-	-	3	4*	1	-	49	
CRISTIANIA -	138,300	" 27	63	59	22·2	-	2	1	6	8	1	12	
PETERSBURG	842,883	" 20	-	537	33·2	1	14	8	4	1	27	161	
RLIN - -	1,480,672	" 13	931	920	32·2	-	3	4	18	6	8	372	
AMBURG(State)	575,276	" 20	397	291	26·4	-	-	-	13*	4	3	80	
ERDEN - -	264,196	" 20	172	169	33·3	?	-	1	2*	?	-	61	
ESLAU - -	315,000	" 27	206	236	39·2	-	-	3	2*	7	1	61	
UNICH - -	231,000	" 20	233	215	39·9	-	-	2	5*	-	-	105	
ENNA - -	811,434	" 20	510	373	23·9	-	5	5	3	2	2	71	
AGUE - -	304,356	" 20	-	153	26·2	4	1	-	3	3	2	4	
UDA-PRESTH	452,907	" 20	299	285	32·7	-	1	3	8	-	9	63	
RIESTE - -	158,084	" 20	-	72	23·7	-	-	-	4*	-	-	7	
OME - - -	404,449	June 8	203	160	20·6	3	9	-	4	2	11	6	
URIN (10 days)-	306,398	" 30	-	-	-	-	-	-	-	-	-	-	
ENICE - -	153,375	July 13	65	104	35·4	7	2	-	-	-	4	17	
AIRO - - -	374,838	" 4	366	421	58·6	8	1	-	-	4	26	175	
LEXANDRIA -	231,396	" 4	171	178	40·1	-	-	-	2*	-	7	50	
EW YORK -	1,571,300	" 13	-	1187	39·4	-	4	10	23	12	4	473	
BOOKLYN -	814,505	" 13	-	524	32·8	-	1	4	12	3	1	180	
PHILADELPHIA-	1,040,245	" 13	-	607	30·4	-	6	2	5	6	11	145	
ALTIMORE -	500,343	" 13	-	276	28·8	-	-	1	-	-	3	100	

* Including deaths from croup.

† Including 14 deaths from cholera in Calcutta, and 13 in Madras.

‡ Including 7 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, AUGUST 3rd, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected in a Gauge during surface is 6 inches above the ground.		Ozone.		
MONTH AND DAY.	Phases of the Moon.	Baro- meter.	TEMPERATURE.					Difference between the Air temperature and Dew Point.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a Gauge during surface is 6 inches above the ground.	Ozone.		
			High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from average value, 0 years.	Of the Dew Point.	High- est.	Low- est.	Mean daily value.	De- parture from average value, 0 years.	Of the Water of the Thames at Deptford.	General Direction.		Pressure on the Square Foot.		Robinson's.								
			High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from average value, 0 years.	Of the Dew Point.	High- est.	Low- est.	Mean daily value.	De- parture from average value, 0 years.	Of the Water of the Thames at Deptford.	A.M.	P.M.	Great- est.	Least.	Mean hourly on each Day.	Horizontal Movement of the Air on each Day.	Depar- ture from Average of 10 Years.						
JULY.																										
SUN.	28	New.	71.9	50.4	21.5	61.5	- 1.1	52.3	9.2	16.8	0.0	72	112.2	46.2	WSW.	WSW. & W.	0.7	0.0	0.0	211	- 25	0.0				
MON.	29	..	70.5	56.1	14.4	61.9	- 0.7	57.1	4.5	13.0	0.0	84	105.1	53.8	WSW.	SE. & S.	0.0	0.0	0.0	83	- 154	0.0				
TUES.	30	..	78.8	57.0	21.8	67.1	+ 4.5	57.7	9.4	13.2	0.0	72	119.7	51.3	SW.	SW. E. & S.	0.1	0.0	0.0	86	- 153	0.0				
WED.	31	..	78.7	52.5	26.2	63.4	+ 3.8	56.3	10.1	21.9	0.0	70	134.2	47.5	SE.	E.	1.2	0.0	0.1	140	- 102	0.0				
THURS.	1	..	86.6	55.5	13.1	70.3	+ 7.7	59.9	10.4	21.8	0.0	70	141.3	50.0	E. & SE.	SSW. & WSW.	1.0	0.0	0.1	160	- 84	0.0				
FRI.	2	In Equator.	78.3	56.3	22.0	65.2	+ 2.5	54.1	11.1	23.1	2.0	67	142.1	48.4	WSW.	SW. & SSW.	2.8	0.0	0.4	359	+ 112	0.0				
SAT.	3	..	68.6	39.1	9.5	62.2	- 0.5	60.7	1.5	5.9	0.0	95	92.9	56.6	SSW.	SW.	4.9	0.0	1.0	452	+ 202	0.18				
MEANS.		..	76.2	55.3	20.9	64.9	+ 2.3	56.9	8.1	17.2	0.3	76	121.1	50.5	SW.		..	..	..	Sum 1491	Sum -204	0.20				
No. of Col.		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.																										
JULY.																										
SUNDAY	28			3.2	15.6																					
MONDAY	29			0.4	15.5																					
TUESDAY	30			3.1	15.5																					
WEDNESDAY	31	The electrometer was not in action throughout the week.		12.7	15.4																					
THURSDAY	1			5.0	15.3																					
FRIDAY	2			9.7	15.3																					
SATURDAY	3			2.4	15.2																					
No. of Col.				Sum 36.5	Sum 107.8	29	30																			

		GENERAL REMARKS.										The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.									
		Generally fine.										Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1895 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.									
		Rain in early morning; generally overcast afterwards.										The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.									
		Cloud variable in amount; fine generally.										— "4" reading the 10s average.									
		Very fine.										The thermometers in the water of the Thames are suspended at a depth of two feet below the surface at the end of one of the jetties of the Foreign Cattle Market at Deptford, and the readings are registered by the Clerk of the Market, under instructions from the Corporation of London.									
		Light cloud generally prevalent during day; fine; solar halo visible in forenoon and afternoon; evening generally overcast.										The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—E, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.									
		Partially cloudy; fine.										The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.									
		Overcast with frequent rain till afternoon; afterwards fine generally.										The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.									
												The reading of the barometer increased from 29.83 in. at the beginning of the week to 29.97 in. by 9h. A.M. on the 30th of July; decreased to 29.70 in. by 3h. P.M. on the 1st of August; increased to 29.83 in. by 9h. P.M. on the 2nd; decreased to 29.68 in. by 3h. P.M. on the 3rd; and was 29.75 in. at the end of the week.									

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; v, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

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The reading of the barometer increased from 29.83 in. at the beginning of the week to 29.97 in. by 9h. A.M. on the 30th of July; decreased to 29.70 in. by 3h. P.M. on the 1st of August; increased to 29.82 in. by 9h. P.M. on the 2nd; decreased to 29.68 in. by 3h. P.M. on the 3rd; and was 29.76 in. at the end of the week.

GENERAL REMARKS.

Generally fine.

Rain in early morning; generally overcast afterwards.

Cloud variable in amount; fine generally.

Very fine.

Light cloud generally prevalent during day; fine; solar halo visible in forenoon and afternoon; evening generally overcast.

Partially cloudy; fine.

Overcast with frequent rain till afternoon; afterwards fine generally.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,
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No. 32. 1889. VOL. L.] WEEK ENDING SATURDAY, AUGUST 10. [Price 1½d.

*General Register Office, Somerset House,
12th August, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·8 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 20.	July 27.	Aug. 3.	Aug. 10.		July 20.	July 27.	Aug. 3.	Aug. 10.
Birkenhead	26·0	20·4	14·8	20·9	Liverpool - -	29·2	26·3	23·4	19·2
Birmingham	24·3	22·0	23·1	18·7	London - -	18·7	18·6	18·4	16·4
Blackburn -	15·5	24·5	20·2	21·9	Manchester -	29·9	25·1	27·0	24·5
Bolton -	18·2	21·4	19·6	22·7	Newcastle-upon-Tyne*	26·9	25·3	25·9	30·8
Bradford*	19·3	18·9	20·9	19·5	Norwich -	16·0	18·8	24·3	18·8
Brighton -	12·0	14·6	14·1	18·0	Nottingham -	18·2	18·0	19·7	18·0
Bristol -	15·5	16·4	15·7	15·7	Oldham -	14·7	16·5	23·8	13·9
Cardiff*	17·6	23·6	21·8	24·5	Plymouth -	21·3	28·0	24·7	31·4
Derby -	15·4	12·2	18·5	14·3	Portsmouth -	19·2	21·8	19·6	18·5
Halifax -	16·7	25·1	19·3	16·7	Preston -	38·1	48·6	42·6	34·6
Huddersfield	21·4	10·7	15·7	19·1	Salford* -	25·6	26·1	24·5	16·9
Hull -	18·6	25·3	21·8	21·6	Sheffield -	20·4	23·4	20·7	23·9
Leeds -	28·5	26·1	23·2	20·3	Sunderland -	26·8	27·2	28·8	28·4
Leicester*	26·0	23·6	21·5	20·5	Wolverhampton -	17·1	19·6	19·6	18·3

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton, in Halifax, in Hull, and in Newcastle-upon-Tyne, and 3·0 in Preston; from *scarlet fever*, 1·0 in Sheffield, 2·2 in Huddersfield, and 4·7 in Plymouth; from *whooping-cough*, 1·9 in Newcastle-upon-Tyne, and 2·2 in Portsmouth; from *fever*, 1·0 in Preston; and from *diarrhœa*, 5·1 in Sunderland, 5·5 in Norwich, 5·9 in Leicester, 7·5 in Sheffield, and 11·0 in Preston. No death from *small-pox* was registered in any of the twenty-eight great towns. The 38 deaths from *diphtheria* included 28 in London, 2 in Plymouth, 2 in Birmingham, and 2 in Manchester.

LONDON.

In LONDON 2180 BIRTHS and 1365 DEATHS were registered. Allowing for increase of population, the births were 501, and the deaths 290, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined from 19·2 to 18·4 in the four preceding weeks, further fell last week to 16·4. During the first six weeks of the current quarter the mean death-rate was 17·9 per 1000, and was 2·7 per 1000 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1365 deaths included 15 from measles, 16 from scarlet fever, 28 from diphtheria, 19 from whooping-cough, 2 from typhus, 6 from enteric fever, 1 from an ill-defined form of continued fever, 175 from diarrhoea and dysentery, 4 from cholera and choleraic diarrhoea, and not one from small-pox; thus, 266 deaths were referred to these diseases, being 140 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 8; and no case of small-pox was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The cause of death of a child, aged 4 years, who died in Pancras, was certified as "chicken-pox, acute ulcerative stomatitis, 17 days." The deaths from *measles*, which had been 29, 20, and 25 in the three previous weeks, fell last week to 15, and were 31 below the corrected average; 4 belonged to Islington and 3 to Camberwell sanitary areas. The fatal cases of *scarlet fever*, which had been 12, 6, and 11 in the three preceding weeks, rose last week to 16, being, however, 21 below the corrected average; 3 belonged to Kensington, 2 to Islington, 3 (including 2 in one house in Cavendish Buildings) to Holborn, and 2 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 779 scarlet fever patients, against numbers increasing from 559 to 727 in the six preceding weeks; 98 cases were admitted to these hospitals during the week, against numbers increasing from 33 to 124 in the eight previous weeks. The deaths from *diphtheria*, which had been 23, 44, and 45 in the three preceding weeks, fell last week to 28, but exceeded the corrected average by 10; 3 belonged to Kensington, 2 to Pancras, 2 to Islington, 3 to St. Luke's, 2 to Shoreditch, 2 to St. George-in-the-East, and 2 to Newington sanitary areas. The deaths from *whooping-cough*, which had numbered 29, 19, and 22 in the three preceding weeks, fell again last week to 19, and were 17 below the corrected average; 4 belonged to Marylebone and 4 to Lambeth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had fallen from 273 to 199 in the three previous weeks, further declined last week to 175, being 60 below the corrected average; 136 were of infants under one year of age, and 26 of children aged from one to five years. The deaths of 4 children under 5 years of age were ascribed to infantile cholera or choleraic diarrhoea.

The deaths referred to *enteric fever*, which had been 8 or 7 in each of the eight preceding weeks, numbered 6 last week, being 10 below the corrected average. The death of a female, aged 18 years, in Marylebone, and that of a male, aged 22 years, in Deptford, were certified as being caused by "typhus fever." There were 49 cases of enteric fever but not one of typhus under treatment in the Metropolitan Asylum Hospitals on Saturday last; 6 cases were admitted during the week, against 9, 2, 8, and 10 in the four previous weeks.

The deaths referred to diseases of the respiratory organs, which had risen from 141 to 182 in the three preceding weeks, fell last week to 149, and were 40 below the corrected average.

The death of a male, aged 13 years, a resident of Willesden, which occurred in St. Mary's Hospital, was referred, after inquest, to "hydrophobia following the bite of a dog on 30th June 1889."

The death of a female, aged 34, was returned by the coroner as the result of "injury to uterus by some instrument; by whom caused not known."

Different forms of violence caused 65 deaths; 53 were the result of negligence or accident, among which were 14 from fractures and contusions, 6 from burns and scalds, 10 from drowning, one from poison, and 18 of infants under one year of age from suffocation. The 14 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles and horses in the streets; 3 by accidents on railways; 1 by fall in ship; 1 by fall from window; 1 by fall into cellar; 1 by fall from load of wood; 1 by fall (during intoxication); 1 by fracture, the nature of which was not stated; and 1 by injuries from being crushed between two tanks. An inquest was held in each of these 14 cases. Eleven cases of suicide were registered, the corrected average being 9.

GREATER LONDON.

In Greater London 2807 births and 1705 deaths were registered, corresponding to annual rates of 26·0 and 15·8 per 1000 of the estimated population. In the Outer Ring 50 deaths from diarrhoea and 3 from diphtheria were registered. Of the 50 deaths from diarrhoea, 9 occurred in West Ham, 7 in Tottenham, 3 in Stratford, 3 in Barking Town, 3 in Isleworth, and 3 in Bromley sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during July will be found on pages 327-28.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 ins.; the highest reading was 29·95 ins. on Thursday morning, and the lowest 29·43 ins. at the end of the week. The mean temperature of the *air* was 60°·4, and 2°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean exceeded the average on Sunday, but was below the average on the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 11·8 miles per hour, which was 1·1 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·46 of an inch. The duration of registered bright sunshine in the week was 46·0 hours, against 51·6 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JULY 1889; according to their returns 186,383,203 gallons or 846,824 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 247 gallons (112·2 decalitres), rather more than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 31·7 gallons (14·4 decalitres) to each person, against 29·3 gallons during July 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	JULY. 1888.	JULY. 1889.	JULY. 1888.	JULY. 1889.
TOTAL SUPPLY . . .	740,236	753,479	169,387,002	186,383,203
From Thames	356,848	363,086	83,853,966	93,636,938
From Lea and from other Sources . . .	383,388	390,393	85,533,036	92,746,265
THAMES.				
Chelsea	34,615	35,026	9,736,847	10,337,617
West Middlesex	70,486	71,876	15,712,773	17,247,468
Southwark and Vauxhall	109,755	111,255	23,489,887	25,800,461
Grand Junction	54,456	55,563	17,003,659	19,250,692
Lambeth	87,536	89,366	17,910,800	21,000,700
LEA AND OTHER SOURCES.				
New River	150,557	152,621	32,459,000	35,437,000
East London	162,042	165,343	41,426,271	44,274,138
Kent	70,789	72,429	11,647,765	13,035,127

Note.—The Return for July 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,243 houses, and of 16,996,201 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JULY.

*Water-analysis Laboratory, The Yews, Reigate,
31st July, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of July.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·4, New River 0·6, Tottenham 0·7, Colne Valley 1·4, Chelsea 1·4, Southwark 1·6, Lambeth 1·6, Grand Junction 2·0, West Middlesex 2·2, and East London 3·0.

The water drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was, in respect of organic matter, of unusually good quality, even for this season, when this water is generally at its best, being very largely derived from springs in the chalk and oolite. Of the five Companies drawing from this source, the Chelsea Company delivered the best water. All these waters were efficiently filtered.

The water abstracted chiefly from the River Lea by the New River and East London Companies was efficiently filtered. That supplied by the New River Company was of a very high degree of organic purity, surpassing in this respect even some of the deep-well waters. The East London Company's supply, on the other hand, was much inferior to any of the river waters.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity, the Kent and Tottenham

supplies being especially distinguished in this respect. The Colne Valley Company's water was softened before delivery, and was thus rendered suitable for washing. These waters require no filtration. They were clear and bright.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and New River, clear and colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city exhibited "a diminution of the organic and nitric nitrogen, and the sample was clear in the two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter. The organic carbon and nitrogen are unusually high,"

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	July 1st,	°								
	Chelsea - - -	{ Cab Rank, Horse Guards, Whitehall. }	19°0	26·94	·065	·018	0	·209	·227	1·7	18·0
	West Middlesex - -	{ July 1st, Cab Rank, Portland-road. }	21°0	26·66	·109	·022	0	·192	·214	1·7	18·0
	Southwark - - -	{ July 1st, Cab Rank, Bricklayers Arms, Old Kent-road. }	20°1	28·08	·073	·019	0	·174	·193	1·7	18·6
	Grand Junction - -	{ July 1st, Cab Rank, Uxbridge-road, near Marble Arch. }	21°2	27·26	·095	·021	0	·187	·208	1·8	18·3
	Lambeth - - -	{ July 1st, Cab Rank, St. George's- road, Southwark. }	20°1	27·30	·079	·017	0	·154	·171	1·7	18·9
Outer Circle.	LEA.	July 1st,									
	New River - - -	{ Cab Rank, Tottenham Court-road. }	19°5	29·56	·028	·010	0	·251	·261	1·8	19·4
	East London - - -	{ July 1st, Fire Brigade Station, Commercial-road, E. }	20°5	31·30	·152	·026	0	·260	·286	1·9	20·0
	DEEP WELLS.	July 1st,									
	Kent - - - - -	{ Mill Lane, Deptford. }	13°0	43·56	·021	·005	0	·491	·496	2·6	28·0
	Colne Valley - - -	{ 5th July, Bushey. }	—	18·24	·085	·015	·019	·413	·444	2·1	6·7
	Tottenham - - -	{ 9th July, Tottenham. }	—	40·44	·028	·011	·065	trace	·065	2·9	21·2
	Corporation of Birming- ham* - - - - -	{ July 1st, 37, Lord Street. }	19°0	24·48	·197	·028	·001	·154	·183	1·5	18·8
	Corporation of Glasgowl†	{ July 15th, Loch Katrine Water. }	15°3	2·60	·231	·046	0	·004	·050	0·7	0·95
Column 1.			3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 1st July at the Horse Guards cab-rank, had a temperature of 19°·0 C.; 100,000 lbs. of it contained 26·94 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·065 lb. of carbon and ·018 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·209 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·227 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 18·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 9.—**BREDS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 10th August, 1889.**

CITIES AND BOROUGH.	POPULATION estimated middle of the Year 1889.	Registered during the Week ending 10th Aug, 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.													
		BIRTHS.	DEATHS.	Deaths of		Deaths from						Violence.	Diarrhoea.	Typhoid.	Scarlet Fever.	Measles.	Small-pox.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	From All Week's Deaths (Values.)		From Caus. 6-12. (Values.)	Mean.				In Inches.	In Centi- metres.						
				1 Year of Age.	Persons aged 60 Years and upwards.	Deaths of	Deaths from	Violence.	Diarrhoea.	Typhoid.	Scarlet Fever.												Measles.	Small-pox.	Infants under 1 Year of Age.	Persons aged 60 Years and upwards.			From All Week's Deaths (Values.)	From Caus. 6-12. (Values.)	Fahrenheit.		Fahrenheit.	Fahrenheit.
																															Highest.	Lowest.			Vatrenheit.	Centigrade.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.									
28 TOWNS*	9,555,406	4838	3437	1259	620	-	58	52	38	60	29	548	121	225	574	81	18.8	4.3	78.7	45.4	58.4	14.67	0.92	2.34	- 28 TOWNS.									
LONDON	4,351,738	2180	1385	467	203	-	15	16	28	19	9	175	65	114	320	14	16.4	3.1	78.7	49.1	60.4	15.78	0.46	1.17	LONDON.									
BRIGHTON	121,807	49	42	11	14	-	2	2	-	1	1	6	1	2	12	2	18.0	5.1	70.8	51.9	59.7	15.89	0.99	2.51	BRIGHTON.									
PORTSMOUTH	141,253	77	50	20	7	-	-	-	-	6	1	3	3	3	3	3	18.5	4.8	-	-	-	-	-	-	PORTSMOUTH.									
NORWICH	94,510	50	34	15	10	-	-	-	-	-	-	10	-	2	6	-	18.8	5.5	-	-	-	-	-	-	NORWICH.									
PLYMOUTH	78,225	46	47	12	6	-	-	7	2	2	-	3	2	3	6	-	31.4	9.3	72.0	45.8	-	-	0.83	2.11	PLYMOUTH.									
BRISTOL	229,361	117	69	26	9	-	-	-	-	-	-	10	2	4	10	3	15.7	2.3	69.0	52.0	57.8	14.33	0.50	1.27	BRISTOL.									
WOLVERHAMPTON	82,544	53	29	14	6	-	2	-	-	-	-	5	1	1	4	-	18.3	4.4	70.0	45.4	56.5	13.61	1.36	3.45	WOLVERHAMPTON.									
BIRMINGHAM	454,835	223	163	73	28	-	3	2	2	1	1	41	6	12	21	1	18.7	5.7	-	-	-	-	-	-	BIRMINGHAM.									
LEICESTER*	150,520	64	59	29	10	-	-	-	-	1	1	17	1	3	6	2	20.5	6.2	-	-	-	-	-	-	LEICESTER.									
NOTTINGHAM	237,812	114	82	31	19	-	-	-	-	-	1	2	18	1	2	5	18.0	4.6	72.3	48.0	57.6	14.22	0.63	1.08	NOTTINGHAM.									
DERBY	158,629	49	27	6	3	-	1	-	-	-	-	5	1	1	2	1	14.3	3.2	-	-	-	-	-	-	DERBY.									
BIRKENHEAD	102,511	52	41	12	8	-	-	-	-	2	-	4	1	2	4	1	20.9	3.1	-	-	-	-	-	-	BIRKENHEAD.									
LIVERPOOL	605,562	285	223	76	35	-	-	4	1	4	2	30	5	7	45	15	19.2	3.6	67.0	51.7	57.4	14.11	1.07	2.72	LIVERPOOL.									
HOLTON	114,670	53	50	16	9	-	-	-	-	1	-	10	2	2	3	-	22.7	5.0	-	-	-	-	-	-	ROTON.									
MANCHESTER	378,800	201	178	63	32	-	2	1	2	2	1	22	7	15	31	8	24.5	4.1	-	-	-	-	-	-	MANCHESTER.									
SALFORD*	234,283	110	76	24	9	-	-	2	1	-	1	16	3	3	12	3	16.9	4.5	-	-	-	-	-	-	SALFORD.									
OLDHAM	142,405	58	38	11	5	-	-	-	-	-	1	3	3	4	1	1	13.9	2.9	-	-	-	-	-	-	OLDHAM.									
BLACKBURN	121,275	76	51	20	11	-	-	-	-	8	-	8	1	1	3	3	21.9	3.4	-	-	-	-	-	-	BLACKBURN.									
PRESTON	104,194	55	69	34	6	-	6	1	-	1	2	22	-	1	2	2	34.6	16.0	-	-	-	-	-	-	PRESTON.									
HUDDESFIELD	92,825	47	34	11	6	-	-	4	-	-	-	-	1	1	3	2	19.1	2.8	-	-	-	-	-	-	HUDDESFIELD.									
HALIFAX	81,080	41	26	8	7	-	2	-	-	-	-	-	1	1	1	4	16.7	1.3	-	-	-	-	-	-	HALIFAX.									
BRADFORD	235,056	100	88	30	17	-	4	2	-	4	1	18	3	8	7	-	19.5	6.4	69.2	52.4	57.8	14.83	1.03	2.62	BRADFORD.									
LEEDS	357,449	199	139	60	27	-	6	4	-	-	4	27	5	11	15	5	20.3	6.0	-	-	-	-	-	-	LEEDS.									
SHEFFIELD	327,227	185	150	71	23	-	1	6	-	3	1	47	2	5	15	6	23.9	9.3	-	-	-	-	-	-	SHEFFIELD.									
HULL	208,017	105	86	32	17	-	1	6	1	1	1	19	3	3	3	2	21.6	6.8	-	-	-	-	-	-	HULL.									
SUNDERLAND	134,113	74	73	39	9	-	3	-	1	3	-	13	-	2	2	-	28.4	7.4	-	-	-	-	-	-	SUNDERLAND.									
NEWCASTLE*	160,983	112	95	34	15	-	4	-	-	6	-	9	1	6	12	4	30.8	6.5	68.0	54.0	58.9	14.94	1.42	3.61	NEWCASTLE.									
CARDIFF*	112,712	60	53	17	8	-	-	-	1	-	-	4	3	7	10	-	24.5	1.9	-	-	-	-	-	-	CARDIFF.									
EDINBURGH	266,000	110	77	16	29	-	4	-	2	1	1	7	2	?	17	12	15.1	2.9	67.0	49.2	57.5	14.17	1.81	4.60	EDINBURGH.									
GLASGOW	528,144	328	213	60	37	-	1	2	3	14	5	23	11	?	34	21	21.0	4.7	68.9	44.8	58.1	14.50	1.17	2.97	GLASGOW.									
DUBLIN	353,082	174	168	39	42	-	3	-	-	4	1	17	4	8	46	18	24.8	3.7	67.7	48.9	57.6	14.23	1.67	4.24	DUBLIN.									

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SECOND Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88,*	1889
TOTAL Births	2327	2602	2477	2304	2261	2212	2885	2655	2634	2228	2680·9	2180
Males . .	1211	1327	1286	1214	1162	1125	1505	1367	1351	1165	1386·3	1129
Females .	1116	1275	1191	1090	1099	1087	1380	1288	1283	1063	1294·6	1051
TOTAL Deaths	1223	1670	1578	1432	1312	1624	1472	1505	1885	1476	1655·0	1365
Males . .	648	894	805	785	653	862	766	793	930	773	867·9	710
Females .	575	776	773	647	659	762	706	712	905	703	787·1	655

The numbers in this column are the average weekly numbers in the thirty-second weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.
TOTAL Births	-	-	2648	2402	2405	2523	2396	2636	2467	2507	2306	2627	2376
TOTAL Deaths	-	-	1231	1267	1151	1306	1247	1243	1265	1350	1605	1556	1553
Ages at Death													
{ 0–20 years	-	571	608	506	601	564	575	572	722	902	908	898	850
{ 20–40 "	-	169	152	143	186	173	180	179	168	151	164	166	161
{ 40–60 "	-	205	221	209	245	227	218	232	221	232	197	223	209
{ 60–80 "	-	232	224	237	234	236	225	229	205	257	245	212	261
{ at 80 years & upwds.	-	54	62	51	40	47	45	53	34	63	42	49	51
" { Under 1 year	-	267	301	242	306	293	281	315	429	617	631	599	555
" { 1–5 "	-	225	222	181	205	184	203	189	208	196	197	162	193
" { 5–20 "	-	79	85	83	90	87	91	68	85	89	80	83	102
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	-	53	47	31	39	32	23	33	31	30	29	20	25
" " Scarlet fever	-	7	16	4	12	11	17	10	9	9	12	6	11
" " Diphtheria	-	24	21	16	34	26	27	13	38	25	23	44	45
" " Whooping-cough	-	36	48	49	26	37	27	27	32	26	29	19	22
" " Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Enteric fever	-	7	5	9	3	8	7	8	8	8	7	8	8
" " Simple Cont'd fever	-	1	1	-	4	2	-	1	-	2	-	1	-
" " Diarrhoea and Dysentery	-	14	13	14	19	34	40	57	155	258	273	271	199
" " Cholera	-	-	1	-	1	-	-	-	5	10	10	10	4
" " all the above-mentioned Diseases	-	142	152	123	138	150	141	149	278	368	383	379	314
" " Dis. of Respiratory System	-	217	177	162	205	169	171	169	143	158	141	160	182
" " Phthisis	-	137	148	144	174	162	155	137	138	127	136	150	126
" " Dis. of Circulatory System	-	97	98	101	97	106	123	99	94	117	102	91	110
Violent Deaths	-	51	48	55	58	48	53	39	51	83	43	60	70
Inquest Cases	-	85	89	104	91	109	105	90	90	129	83	113	115
Deaths in Public Institutions	-	311	342	290	323	290	324	314	280	356	343	314	325
TEMPERATURE OF THE AIR	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean	-	54·0	61·9	55·7	64·3	56·8	59·6	64·1	63·3	63·0	58·7	58·1	64·9
Mean of Highest readings	-	64·5	75·1	64·9	77·2	64·0	72·4	77·1	74·6	72·9	69·9	67·7	76·2
Mean of Lowest readings	-	46·7	50·8	48·0	53·4	51·7	49·7	52·1	53·7	56·2	51·3	51·9	55·3
Humidity of the Air	-	85	77	82	73	89	76	71	71	80	80	82	76
Rain-fall in inches	-	0·19	0·51	1·33	0·31	1·73	0·00	0·02	0·00	0·72	0·43	0·90	0·20
Registered Sunshine (in hours)	-	27·7	49·1	47·2	50·1	3·8	65·3	54·1	51·3	23·0	28·1	26·5	36·5

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq. and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SECOND Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 32nd Weeks of the 10 years 1879-88.	In the Week ending Saturday, 10th August 1889.										CAUSES OF DEATH.	Corrected Averages for the 32nd Weeks of the 10 years 1879-88.	In the Week ending Saturday, 10th August 1889.										
		Deaths of Persons of the Ages												Deaths of Persons of the Ages										
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 and under 90.	90 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 and under 90.	90 Years and upwards.			
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.								
ALL CAUSES - - -	1655.0	1365	467	195	76	139	222	216	50															
Small-pox { Vaccinated - - - Unvaccinated - - - No Statement - - - }	8.1	-	-	-	-	-	-	-	-	-	-													
Measles - - - - -	46.2	15	6	9	-	-	-	-	-	-	-													
Scarlet Fever - - -	37.4	16	1	8	7	-	-	-	-	-	-													
Typhus - - - - -	1.1	2	-	-	1	1	-	-	-	-	-													
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	-	-													
Influenza - - - -	0.0	-	-	-	-	-	-	-	-	-	-													
Whooping-cough - -	35.8	19	5	13	1	-	-	-	-	-	-													
Diphtheria - - - -	17.6	28	2	19	5	1	1	-	-	-	-													
Simple Continued and Ill-defined Fever - -	1.2	1	-	-	-	-	1	-	-	-	-													
Enteric Fever - - -	18.7	6	-	2	2	2	-	-	-	-	-													
Cholera - - - - -	7.9	4	3	1	-	-	-	-	-	-	-													
Diarrhoea, Dysentery -	234.9	175	138	26	1	1	2	6	3	-	-													
Remittent Fever † -	0.5	1	-	-	-	-	-	-	-	-	-													
Hydrophobia - - -	0.1	1	-	-	1	-	-	-	-	-	-													
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	-	-													
Cowpox and Effects of Vaccination † - - -	0.8	-	-	-	-	-	-	-	-	-	-													
General Affections -	10.5	16	12	2	-	1	1	-	-	-	-						5	16	7	2	-	-		
Erysipelas - - - -	6.5	1	-	-	-	-	1	-	-	-	-						-	-	-	-	-	-		
Pymia and Septicæmia †	2.7	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Puerperal Fever - -	4.5	5	-	-	1	4	-	-	-	-	-						-	1	-	-	-	-		
Other Zymotic Diseases †	0.5	3	-	2	-	1	-	-	-	-	-						-	-	-	-	-	-		
Thrush - - - - -	4.6	2	2	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Worms and other Parasitical Diseases - - -	0.0	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Starvation, Want of Breast-milk † - - -	5.0	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Alcoholism - - - -	4.9	9	-	-	-	2	6	1	-	-	-						-	-	-	-	-	-		
Rheumatic Fever, Rheumatism of Heart †	6.4	6	-	-	3	2	1	-	-	-	-						-	-	-	-	-	-		
Rheumatism † - - -	2.9	3	-	-	-	-	1	2	-	-	-						-	-	-	-	-	-		
Gout - - - - -	2.4	1	-	-	-	1	-	-	-	-	-						-	-	-	-	-	-		
Eclampsia † - - - -	2.9	4	1	3	-	-	-	-	-	-	-						-	-	-	-	-	-		
Cancer - - - - -	52.1	59	-	-	-	3	30	25	1	-	-						-	-	-	-	-	-		
Typhoid Mesenterica -	49.8	49	84	13	2	-	-	-	-	-	-						-	-	-	-	-	-		
Tubercular Meningitis -	33.3	21	8	9	3	-	-	1	-	-	-						-	-	-	-	-	-		
Phthisis - - - - -	155.6	128	2	4	10	57	45	10	-	-	-						-	-	-	-	-	-		
Scrophula, Tuberculosis -	20.6	24	10	5	3	3	1	2	-	-	-						-	-	-	-	-	-		
Other Constitutional Diseases † - - -	9.1	7	-	-	1	2	3	1	-	-	-						-	-	-	-	-	-		
Premature Birth - - -	36.4	31	31	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Atelectasis † - - - -	3.5	1	1	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Congenital Malformations - - -	7.9	10	10	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Old Age - - - - -	43.6	46	-	-	-	-	-	22	24	-	-						-	-	-	-	-	-		
Apoplexy - - - - -	39.9	34	1	-	-	2	9	17	5	-	-						-	-	-	-	-	-		
Epilepsy - - - - -	6.1	7	-	-	-	3	1	2	1	-	-						-	-	-	-	-	-		
Convulsions - - - -	51.6	40	39	1	-	-	-	-	-	-	-						-	-	-	-	-	-		
Other Diseases of Brain and Nervous System †	88.3	70	8	21	7	5	10	18	1	-	-						-	-	-	-	-	-		
CAUSES OF DEATH.																								
Diseases of Organs of Special Sense † - -	2.0	2	-	1	-	-	-	1	-	-	-						-	-	-	-	-	-		
Diseases of Circulatory System - - -	92.0	93	1	-	3	10	29	45	5	-	-						-	-	-	-	-	-		
Croup - - - - -	12.4	6	1	4	1	-	-	-	-	-	-						-	-	-	-	-	-		
Bronchitis - - - -	91.4	79	25	16	1	-	-	-	-	-	-						-	-	-	-	-	-		
Pneumonia - - - -	60.4	55	14	14	3	7	12	4	1	-	-						-	-	-	-	-	-		
Pleurisy - - - - -	4.4	3	1	-	-	1	-	1	-	-	-						-	-	-	-	-	-		
Other Diseases of Respiratory System - -	20.2	6	2	1	1	1	1	1	-	-	-						-	-	-	-	-	-		
Dentition † - - - -	14.5	8	7	1	-	-	-	-	-	-	-						-	-	-	-	-	-		
Quinsy, Sore Throat †	1.8	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Enteritis - - - - -	14.5	26	13	2	3	4	1	3	1	-	-						-	-	-	-	-	-		
Peritonitis - - - -	7.3	11	-	-	3	3	8	2	-	-	-						-	-	-	-	-	-		
Diseases of Liver - -	33.7	25	8	-	-	2	10	8	-	-	-						-	-	-	-	-	-		
Other Diseases of Digestive System - -	31.4	29	8	2	2	4	9	3	1	-	-						-	-	-	-	-	-		
Diseases of Lymphatic System & of Ductless Glands † - - -	2.1	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Diseases of Urinary System - - - -	35.2	30	-	-	-	-	5	16	7	2	-						-	-	-	-	-	-		
Diseases of Generative System - - - - -	4.4	4	1	-	-	2	1	-	-	-	-						-	-	-	-	-	-		
Accidents of Childbirth -	4.8	1	-	-	-	-	1	-	-	-	-						-	-	-	-	-	-		
Diseases of Locomotive System † - - -	7.3	5	-	1	1	1	1	1	-	-	-						-	-	-	-	-	-		
Diseases of Integumentary System - - -	5.2	2	1	1	-	-	-	-	-	-	-						-	-	-	-	-	-		
VIOLENT DEATHS.‡																								
(ACCIDENT.)																								
Fracture and Contusion -	22.7	14	-	2	1	3	5	3	-	-	-						-	-	-	-	-	-		
Gunshot Wound - - -	0.2	1	1	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Cut, Stab - - - - -	1.0	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Burn and Scald - - -	3.2	6	-	3	2	1	-	-	-	-	-						-	-	-	-	-	-		
Poison - - - - -	1.4	1	-	1	-	-	-	-	-	-	-						-	-	-	-	-	-		
Drowning - - - - -	12.2	10	-	-	6	1	2	1	-	-	-						-	-	-	-	-	-		
Suffocation - - - -	9.4	19	18	-	-	1	-	-	-	-	-						-	-	-	-	-	-		
Otherwise - - - - -	4.0	2	1	-	-	1	-	-	-	-	-						-	-	-	-	-	-		
(HOMICIDE.)																								
Murder & Manslaughter	1.9	1	-	-	-	1	-	-	-	-	-						-	-	-	-	-	-		
(SUICIDE.)																								
Gunshot Wound - - -	0.7	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Cut, Stab - - - - -	1.5	6	-	-	-	1	4	1	-	-	-						-	-	-	-	-	-		
Poison - - - - -	1.7	2	-	-	-	-	2	-	-	-	-						-	-	-	-	-	-		
Drowning - - - - -	2.0	3	-	-	1	-	1	-	-	-	-						-	-	-	-	-	-		
Hanging - - - - -	1.9	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
Otherwise - - - - -	1.0	-	-	-	-	-	-	-	-	-	-						-	-	-	-	-	-		
(EXECUTION.)																								

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION		Enu- mer- ated Popu- lation. 1881.	Total Births	Total Deaths.	Deaths of		Deaths from											Deaths in Public Institutions.	
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 40 Years & upward.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON			3,815,704	2180	1365	467	266	-	15	16	28	19	2	6	1	175	65	114	320
West Districts			659,633	812	234	71	57	-	1	5	6	3	-	-	-	31	9	15	61
North Districts			905,947	493	307	100	54	-	7	3	10	7	1	1	-	33	18	30	74
Central Districts			262,238	154	96	28	15	-	-	3	4	-	-	1	-	7	5	9	36
East Districts			692,788	414	247	83	52	-	1	2	2	1	-	3	-	28	15	23	64
South Districts			1,965,148	807	481	183	88	-	6	3	6	8	1	1	1	76	13	32	85
Metropolitan Asylums Outside Registration			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Districts.																			
St. Mary Paddington WHH G.J. & W.M.			99888	30	21	7	5	-	-	-	1	1	-	-	-	3	1	4	1
St. John Paddington H - G.J.			37330	7	8	1	1	-	-	-	-	-	-	-	-	4	2	3	5
Kensington Town W - W.M.			120141	46	34	8	10	-	-	1	3	-	-	-	-	2	1	1	15
Brompton H - W.M. & C.			43019	17	15	6	4	-	-	-	-	-	-	-	-	1	-	-	-
St. Peter Hammersmith - W.M.			7299	1	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Paul Hammersmith H W.M. & G.J.			64340	39	22	8	7	-	-	-	-	-	-	-	-	7	3	1	2
Fulham W - W.M. & C.			42900	52	33	12	2	-	1	4	-	-	-	-	-	7	3	3	8
Chelsea South HHH - E.			8098	13	10	4	2	-	-	-	-	-	-	-	-	2	1	2	4
Chelsea North-west WHHHH - C.			24925	15	20	5	7	-	-	-	-	1	-	-	-	2	-	-	12
Chelsea North-east - C.			32807	18	15	5	2	-	-	-	-	-	-	-	-	2	-	-	-
May Fair WW - G.J.			30353	9	12	1	8	-	-	-	-	-	-	-	-	1	-	-	9
Belgrave WHH - C.			59220	23	14	5	2	-	-	-	1	-	-	-	-	3	-	1	3
St. John Westminster HHH - C.			35496	24	11	7	1	-	-	-	-	1	-	-	-	3	-	-	1
St. Margaret Westminster H - C.			24679	10	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-
St. James Westminster WHH N.R. & G.J.			29941	9	10	1	1	-	-	-	1	-	-	-	-	1	-	-	1
St. Anne Soho HHHHHH - N.R.			16603	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
North Districts.																			
All Souls Marylebone HHHH - W.M.			26759	9	12	2	1	-	-	-	-	1	-	1	-	-	1	1	5
Cavendish Square HHHH - W.M.			14391	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.			24809	9	10	-	1	-	-	-	-	1	-	-	-	-	2	2	-
St. Mary Marylebone HHH G.J. & W.M.			21118	23	4	1	-	-	-	-	-	-	-	-	-	2	1	2	-
Christchurch Marylebone HHH - W.M.			33700	19	9	5	-	-	1	-	-	1	1	-	-	2	-	-	-
St. John Marylebone H - W.M.			33633	7	10	6	1	-	-	-	-	-	-	-	-	2	-	3	-
Hamstead W - H N.R. & W.M.			45452	27	20	8	6	-	2	-	1	2	-	-	-	2	-	1	5
Regent's Park Pancras H - W.M.			59115	12	9	5	1	-	-	-	1	-	-	-	-	3	-	-	-
Tottenham-court WHHHH N.R. & W.M.			27729	12	17	2	3	-	-	-	-	-	-	-	-	2	2	3	14
Gray's Inn Lane HHH - N.R.			30247	24	21	9	1	-	-	-	-	-	-	-	-	4	7	7	6
Somers Town H - N.R.			34369	29	13	4	-	-	-	-	-	-	-	-	-	2	1	1	2
Camden Town WH - N.R.			17311	15	13	4	3	-	-	-	-	-	-	-	-	1	1	1	7
Kentish Town W - N.R.			87487	41	19	2	5	-	-	-	1	2	-	-	-	1	-	-	1
Upper Holloway WWH - N.R.			67946	44	42	11	10	-	1	-	-	-	-	-	-	1	1	1	19
Islington South-west HH - N.R.			100976	49	29	15	1	-	3	1	1	-	-	-	-	4	2	3	-
Islington South-east - N.R.			61835	24	11	6	2	-	-	-	-	-	-	-	-	3	2	2	-
Highbury H - N.R.			52046	22	14	5	2	-	-	1	1	-	-	-	-	3	-	1	-
Stoke Newington H - N.R.			22781	17	4	-	3	-	-	-	-	-	-	-	-	1	-	-	-
Stamford Hill - E.L.			9277	4	4	3	1	-	-	-	-	-	-	-	-	2	-	-	-
West Hackney H - N.R.			87610	97	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-
Hackney Wagon H - E.L. & N.R.			76911	56	31	7	8	-	-	1	4	-	-	-	-	2	1	2	13
South Hackney - E.L.			39883	22	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Central Districts.																			
St. George Bloomsbury - N.R.			16631	9	2	-	2	-	-	-	-	-	-	-	-	2	-	-	-
St. Giles South WH - N.R.			14384	15	2	1	3	-	-	-	-	-	-	-	-	-	-	2	5
St. Giles North - N.R.			13837	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.			17508	7	9	2	2	-	-	-	-	-	-	-	-	-	-	1	6
St. Mary-le-Strand H - N.R.			7615	3	1	-	1	-	-	-	-	-	-	-	-	-	-	1	6
St. Clement Danes H - N.R.			8559	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	6
Strand Union Workhouse, Edmonton w.			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo. the Martyr HHHHHH N.R.			16671	12	8	5	-	-	-	-	1	-	-	-	-	1	1	2	3
St. Andrew Eastern W - N.R.			10706	4	4	-	-	-	-	3	-	-	-	-	-	-	1	1	1
St. Martin Hill H - N.R.			6533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - N.R.			17516	18	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - N.R.			19231	10	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - N.R.			14773	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - N.R.			17606	10	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - N.R.			11541	25	10	5	1	-	-	-	-	-	-	-	-	2	1	1	1
City-road HHL - N.R.			18628	5	2	-	-	-	-	-	-	-	1	-	-	2	1	1	1
Whitecross-street - N.R.			9217	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - N.R.			7463	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - N.R. & E.L.			11174	4	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
Cripplegate - N.R.			7193	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - N.R.			8338	-	14	2	-	-	-	3	-	-	-	-	-	-	-	-	12
St. Bride W - N.R.			8396	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Allhallows Barking - N.R.			13666	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - N.R.			5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; WH—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and E., the Kent Company.

REGISTRATION						The DEATHS registered in the Week include																			
SUB-DISTRICTS.							Deaths of										Deaths from								
Enume- rated Popu- lation, 1881.	Total Births.	Total Deaths.	Infants under Years of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- sumed fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.								
EAST DISTRICTS.																									
Holywell Shore-ditch - N.R. & E.L.	7376	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-								
St. Leonard Shore-ditch HL*	14967	10	3	1	2	-	-	-	-	-	-	-	-	-	-	1	-								
Hilton New Town w - - - N.R.	29937	32	14	8	7	-	-	-	-	-	-	-	-	-	1	1	1								
Hilton Old Town - - - N.R.	28036	14	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-								
Haggerston WH - - - N.R. & E.L.	46275	16	26	11	3	-	-	-	-	-	-	-	-	-	-	-	-								
Lackney-road H - - - E.L.	29785	14	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-								
Green, Bethnal Green WHL*	47932	30	14	7	1	-	1	1	-	-	1	-	-	-	-	-	-								
Church, Bethnal Green - - - E.L.	29981	16	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-								
Town, Bethnal Green - - - E.L.	19810	6	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-								
Finsbury-fields - - - E.L. & N.R.	22685	12	6	2	-	-	-	-	-	-	1	-	-	-	-	-	-								
Mile End New Town W - - - E.L.	15473	13	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-								
Whitechapel Church H - - - E.L. & N.R.	17490	15	17	4	-	-	-	-	-	-	-	-	-	-	3	3	13								
Goodman's Fields - - - E.L.	9713	3	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-								
Aldgate - - - N.R. & E.L.	6102	5	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-								
St. George's, North - - - E.L.	38747	21	20	7	2	-	-	-	-	-	1	-	3	-	3	-	-								
St. John, St. George East W - - E.L.	8410	4	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-								
Shadwell HH - - - E.L. & N.R.	10995	11	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-								
Ratcliff - - - E.L.	18107	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-								
Timehouse - - - E.L.	32041	17	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-								
Mile End Old Town West - - - E.L.	37980	47	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-								
Mile End Old Town East WWH-E.L.	67653	47	14	4	3	-	-	-	-	-	-	-	-	-	-	-	-								
Bow - - - E.L.	37074	25	10	6	1	-	1	-	1	-	-	-	-	-	-	-	-								
Bromley WWH - - - E.L.	64359	42	33	10	13	-	-	-	-	-	-	-	-	-	-	-	-								
Coplar WWH - - - E.L.	55077	28	20	6	5	-	-	-	-	-	-	-	-	-	-	-	-								
SOUTH DISTRICTS.																									
Trinitychurch Southwark WH L. & S.	18663	9	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-								
St. Saviour Southwark - - - S.	14999	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-								
Kent-road - - - S. & L.	21381	8	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-								
Borough-road WH - - - S. & L.	15955																								

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Totterham Court-road sub-district.	Poplar & Stepney Sick Asylum " "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
" Mile End Old Town Eastern sub-dist.	Metropolitan Asylum for Insane in Finsbury, Hampstead, Hack-
Whitechapel " " Mile End Old Town Eastern sub-dist.	ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford
London City " " and Bromley sub-district.	Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 10th August, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from									Inquest Cases.	Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Marasmus.	Violence.			
LONDON—OUTER RING		370,924	950,957	627	340	110	75	-	-	2	3	2	2	50	11	25	33	
30: 1	Carshalton <i>seL</i> -	12228	21118	15	6	1	1	-	-	-	-	-	-	-	-	-	5	
2	Epsom (part of)* <i>WseH</i> -	9971	10710	5	6	2	3	-	-	-	-	-	-	1	-	-	4	
37: 1	Godstone (part of)* -	9754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WseHLL</i> -	20351	101241	48	37	9	10	-	-	1	1	-	-	2	1	3	1	
2	Mitcham <i>se</i> † -	11697	17982	13	2	1	1	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	10	4	-	2	-	-	-	-	-	-	-	-	-	1	
2	Kingston <i>WHH</i> -	8549	38354	19	9	2	4	-	-	-	1	-	-	1	-	-	-	
3	Esher (part of)* -	6601	9221	12	2	-	1	-	-	-	-	-	-	1	-	-	-	
4	Hampton <i>H</i> -	4573	13539	10	3	1	-	-	-	-	-	-	-	-	1	1	-	
40: 1	Richmond <i>WH</i> -	2272	21302	4	7	1	1	-	-	-	-	-	-	1	-	-	1	
2	Mortlake -	2941	12331	6	3	1	1	-	-	-	-	-	-	1	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i> -	15669	31142	19	9	2	3	-	-	-	-	-	-	3	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i> -	14307	15844	11	4	2	-	-	-	-	-	-	-	1	-	-	1	
42: 1	Bexley <i>H</i> -	18437	24194	19	6	1	2	-	-	-	-	-	-	1	-	-	-	
2	Dartford (<i>W</i> , pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>se</i> -	11055	11633	9	3	2	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	5	3	-	2	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10802	6	4	1	1	-	-	-	-	-	-	-	1	1	1	
2	Uxbridge -	6178	3225	1	2	-	-	-	-	-	1	-	-	-	-	-	-	
3	Hayes <i>seHL</i> -	14587	11523	4	13	2	3	-	-	-	-	-	-	1	-	1	5	
126: 1	Isleworth <i>WHH</i> -	7008	22727	14	13	6	2	-	-	-	-	-	1	3	-	-	1	
2	Twickenham <i>H</i> -	2477	12479	7	8	5	-	-	-	-	-	-	-	1	-	1	-	
3	Brentford <i>HL</i> -	4345	27649	10	8	4	-	-	-	-	-	-	-	2	-	1	-	
4	Chiswick -	1340	15975	10	5	-	1	-	-	1	-	-	-	-	1	1	-	
5	Aston <i>seH</i> -	6083	22876	16	5	-	3	-	-	-	-	-	-	-	1	1	-	
127: 1	Harrow <i>H</i> -	13809	12796	10	4	2	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	1	1	-	1	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	27	11	5	1	-	-	-	-	-	-	1	-	2	-	
4	Hendon <i>W</i> -	9339	10484	7	4	2	1	-	-	-	-	-	-	2	-	-	1	
127: 1	Bushey -	9331	6621	4	2	-	1	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	South Mimms -	15599	6391	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5483	10092	4	1	-	1	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4688	17615	10	8	-	-	-	-	-	-	-	-	-	1	1	3	
128: 1	Hatfield (part of)* -	3306	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3039	37078	25	14	3	5	-	-	-	-	-	-	1	-	1	-	
2	Tottenham <i>H</i> -	4842	48456	41	28	12	5	-	-	-	-	-	-	7	3	5	2	
3	Edmonton <i>WseH</i> † -	7453	32430	16	12	6	3	-	-	-	-	-	-	2	-	1	1	
4	Enfield <i>WH</i> -	12653	19104	23	8	4	1	-	-	-	-	1	-	1	-	1	-	
5	Waltham Abbey -	11017	5348	2	3	1	-	-	-	-	-	-	-	-	-	-	-	
6	Chesham -	8480	7735	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
126: 1	Stratford -	882	38606	38	15	9	1	-	-	-	-	-	-	3	-	-	-	
2	West Ham <i>WseWH</i> § -	7351	101053	79	49	16	5	-	-	-	-	-	-	9	2	3	1	
3	Leyton <i>WseL</i> -	4372	32430	21	12	2	6	-	-	-	-	-	-	1	-	-	4	
4	Walthamstow <i>H</i> -	6520	28869	16	7	2	2	-	-	-	1	-	1	-	-	1	-	
127: 1	Chigwell (part of)* <i>H</i> -	11761	9639	2	2	1	-	-	-	-	-	-	-	1	-	-	1	
2	Epping (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Romford (part of)* <i>W</i> -	6730	3411	5	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	10	4	2	-	-	-	-	-	-	-	3	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1318); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 125: 1, the parish of Northaw in Hatfield sub-district; 127: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 129: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 127: 2, Watford, and 127: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th August, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 3-4.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16	
EATER LONDON	448,334	5,642,015	15·8	3·0	1705	577	341	-	15	18	31	21	11	225	76	353	
INNER LONDON -	77,410	4,351,738	16·4	3·1	1365	467	266	-	15	16	28	19	9	175	65	320	
OUTER RING -	370,924	1,290,277	13·8	2·4	340	110	75	-	-	2	3	2	2	50	11	33	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN.		BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
		Week ending					Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.
ALCUTTA - -	433,219	June	22	-	198	23·8	-	-	-	-	-	51	38†
OMBAY - -	773,196	July	9	253	397	22·7	2	7	?	?	?	119	44†
ADRAS - -	398,777	June	7	-	-	-	-	-	-	-	-	-	-
ARIS - - -	2,260,945	August	3	1181	1058	24·3	3	15	10	26*	11	36	156
RUSSELS - - th 8 Faubourgs.)	471,606	"	3	250	180	19·8	-	3	-	-	-	-	40
AMSTERDAM -	403,083	"	3	247	173	23·3	-	3	-	5	2	1	2
ROTTERDAM -	197,723	"	3	146	96	25·1	-	1	-	-	1	-	3
THE HAGUE -	153,440	"	3	122	76	25·7	-	-	-	-	5	-	2
COPENHAGEN -	307,000	July	27	189	165	28·0	-	2	-	8*	3	4	50
STOCKHOLM -	228,218	"	27	144	85	19·4	-	-	3	-	2	-	26
CHRISTIANIA -	138,300	August	3	58	57	21·4	-	-	1	4	2	1	12
S. PETERSBURG -	842,883	July	27	-	479	29·7	-	6	7	3	2	16	129
BERLIN - - -	1,489,672	"	20	931	738	26·1	-	2	6	19*	-	5	267
LAMBURG(State) -	575,276	"	27	371	272	24·7	-	-	3	14*	3	3	73
DRESDEN - - -	264,196	"	27	151	144	28·3	?	-	1	2*	?	1	50
BRISLAU - - -	315,000	August	3	200	198	32·9	-	2	1	6*	2	1	50
MUNICH - - -	281,000	July	27	211	237	44·0	-	-	1	8*	-	2	115
VIENNA - - -	811,434	"	27	525	344	22·0	1	2	3	11	6	2	60
PRAGUE - - -	304,356	"	27	-	159	27·3	4	-	5	2	3	1	8
JUDA-PESH - -	452,907	"	27	302	240	27·5	-	-	2	5	3	8	53
TRIESTE - - -	153,084	"	27	-	69	22·7	-	-	-	1*	-	-	10
ROME - - - -	404,440	June	15	240	175	23·6	3	9	-	4	1	6†	19
TURN (10 days)-	306,398	"	30	243	212	25·3	-	17	-	2	4	4	30
VENICE - - -	153,375	July	20	110	102	34·7	4	1	-	-	1	4	18
CAIRO - - - -	374,338	"	11	390	468	63·8	10	5	-	-	11	29	185
ALEXANDRIA - -	231,396	"	11	177	205	46·2	4	1	-	1*	-	2	57
NEW YORK - - -	1,571,300	"	20	-	964	32·0	-	4	7	20	15	5	297
BROOKLYN - - -	814,505	"	20	-	412	25·8	-	-	2	12	4	2	128
PHILADELPHIA -	1,040,245	"	20	-	536	26·9	-	5	4	2	5	17	121
BALTIMORE - - -	500,343	"	20	-	240	25·0	-	-	2	-	2	2	78

* Including deaths from croup.

† Including 22 deaths from cholera in Calcutta, and 17 in Bombay.

‡ Including 4 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, AUGUST 10TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.										TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a gauge whose receiving surface is 5 inches above the Ground.		Ozone.																																																																																																																												
Baro- meter.	Phases of the Moon.	Of the Air.				Of the Dew Point.		Difference between the Air Temperature and Dew Point Temperature.		Degree of Radiation. (Satu- ration equals 100°).		Of the Water at the Thames at Deptford.		General Direction.		Oster's.		Pressure on the Square Foot.		Robinson's.		Horizontal Movement of the Air on each Day.	Vertical Movement Average of the 10 Years.	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442 360 188 274 253	Miles. — 75 178 283 442

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)		Registered Sunshine, in hours.		Sun above Horizon, in hours.		GENERAL REMARKS.	
AUGUST.									
SUNDAY	4			8.0	15.2			Fine till evening; some rain before midnight.	
MONDAY	5			5.5	15.1			Showery till afternoon; afterwards fine.	
TUESDAY	6			11.6	15.1			Showery in afternoon; otherwise fine.	
WEDNESDAY	7	The electrometer was not in action throughout the week.		9.8	15.0			The amount of cloud was in general small; fine.	
THURSDAY	8			6.5	15.0			Fine till afternoon; generally cloudy afterwards.	
FRIDAY	9			0.5	14.9			Generally overcast; rain in afternoon and evening.	
SATURDAY	10			4.1	14.9			Showery till afternoon; generally cloudy afterwards.	
				Sum 48.0	Sum 105.2				
				29	30				

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to readings taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.75 in. at the beginning of the week to 29.83 in. by 10h. A.M. on the 4th; decreased to 29.60 in. by 3h. P.M. on the 5th; increased to 29.95 in. by 9h. A.M. on the 8th; and decreased to 29.43 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 33. 1889. VOL. L.] WEEK ENDING SATURDAY, AUGUST 17. [Price 1½d.

General Register Office, Somerset House,
19th August, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·2 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	July 27.	Aug. 3.	Aug. 10.	Aug. 17.		July 27.	Aug. 3.	Aug. 10.	Aug. 17.
Birkenhead	20·4	14·8	20·9	21·9	Liverpool - -	26·3	23·4	19·2	18·3
Birmingham	22·0	23·1	18·7	23·4	London - -	18·6	18·4	16·4	16·6
Blackburn -	24·5	20·2	21·9	25·0	Manchester -	25·1	27·0	24·5	23·0
Bolton -	21·4	19·6	22·7	23·2	Newcastle-on-Tyne*	25·3	25·9	30·8	27·9
Bradford* -	18·9	20·9	19·5	18·4	Norwich - -	18·8	24·3	18·8	21·5
Brighton -	14·6	14·1	18·0	18·0	Nottingham -	18·0	19·7	18·0	16·2
Bristol -	16·4	15·7	15·7	15·9	Oldham - -	16·5	23·8	13·9	17·2
Cardiff* -	23·6	21·8	24·5	18·1	Plymouth - -	28·0	24·7	31·4	26·7
Derby -	12·2	18·5	14·3	9·0	Portsmouth -	21·8	19·6	18·5	20·7
Halifax -	25·1	19·3	16·7	22·5	Preston - -	48·6	42·6	34·6	42·6
Huddersfield	10·7	15·7	19·1	16·9	Salford* - -	26·1	24·5	16·9	18·7
Hull -	25·3	21·8	21·6	28·1	Sheffield - -	23·4	20·7	23·9	22·6
Leeds -	26·1	23·2	20·3	22·8	Sunderland -	27·2	28·8	28·4	29·5
Leicester* -	23·6	21·5	20·5	18·0	Wolverhampton -	19·6	19·6	18·3	22·1

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·0 in Hull, 3·2 in Halifax, and 5·5 in Preston; from *scarlet fever*, 5·3 in Plymouth; from *whooping-cough*, 1·5 in Birkenhead; from "fever," 1·5 in Preston; and from *diarrhœa*, 5·8 in Hull, 5·9 in Portsmouth and in Birmingham, 6·6 in Leicester, and 11·0 in Preston. No death from *small-pox* was registered in any of the twenty-eight great towns. The 54 deaths from *diphtheria* included 36 in London, 4 in Birmingham, 3 in Sheffield, and 2 in Liverpool.

LONDON.

In LONDON 2715 BIRTHS and 1382 DEATHS were registered. Allowing for increase of population, the births were 96, and the deaths 237, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the five preceding weeks from 19·2 to 16·4, was 16·6 last week. During the first seven weeks of the current quarter the mean death-rate was 17·7 per 1000, being 2·7 per 1000 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1382 deaths included 18 from measles, 13 from scarlet fever, 36 from diphtheria, 17 from whooping-cough, 8 from enteric fever, 158 from diarrhœa and

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

dysentery, 4 from cholera and choleraic diarrhœa, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 254 deaths were referred to these diseases, being 121 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; and no case of small-pox was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 20, 25, and 15 in the three previous weeks, numbered 18 last week, being 28 below the corrected average; 2 belonged to Newington, 2 to Lambeth, 3 to Camberwell, and 2 to Woolwich sanitary areas. The fatal cases of *scarlet fever*, which had been 6, 11, and 16 in the three preceding weeks, fell last week to 13, and were 20 below the corrected average; 5 belonged to the south group of sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 822 scarlet fever patients, against numbers increasing from 559 to 779 in the seven preceding weeks; 90 cases were admitted to these hospitals during the week, the numbers in the three preceding weeks having been 110, 124, and 98. The deaths from *diphtheria*, which had been 44, 45, and 28 in the three previous weeks, rose again last week to 36 (of which 18 occurred in hospitals), and exceeded the corrected average by 22; 2 belonged to Islington, 2 to Hackney, 2 to Shoreditch, 5 (including 2 hospital cases from Bacon Street) to Bethnal Green, 2 to Whitechapel, 3 to St. George-in-the-East, and 3 (including 2 hospital cases from one house in High Street, West Norwood) to Lambeth sanitary areas. The 17 deaths from *whooping-cough* showed a further decline from the numbers in recent weeks, and were 19 below the corrected average; 8 (including 3 in Battersea) belonged to the south group of sanitary areas. The deaths ascribed to *diarrhœa* and *dysentery*, which had declined from 273 to 175 in the four previous weeks, further fell last week to 158, being 55 below the corrected average; 112 were of infants under one year of age, 27 of children aged from one to 5 years, and 12 of persons aged 60 years and upwards. The deaths of one infant and 3 adults were attributed to cholera and choleraic diarrhœa.

The deaths referred to *enteric fever*, which had been 7, 8, 8, and 6 in the four previous weeks, numbered 8 last week, and were 7 below the corrected average; 2 belonged to Lambeth sanitary area. There were 58 cases of enteric fever, but not one of typhus, under treatment in the Metropolitan Asylum Hospitals on Saturday last; 11 cases were admitted during the week, against 8, 10, and 6 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 160, 182, and 149 in the three previous weeks, numbered 162 last week, being 26 below the corrected average.

Different forms of violence caused 49 deaths, on 47 of which inquests were held. Of these 49 deaths, 3 were cases of suicide and one of murder, while the remaining 45 were attributed to negligence or accident. Ten of these 45 deaths were caused by vehicles in the streets, 3 by burns or scalds, 8 by drowning, 2 by poison, and 5 of infants under one year of age by suffocation.

GREATER LONDON.

In Greater London 3597 births and 1760 deaths were registered, corresponding to annual rates of 33·3 and 16·3 per 1000 of the estimated population. In the Outer Ring 61 deaths from diarrhœa, 10 from whooping-cough, and 5 from "fever" were registered. Of the 61 deaths from diarrhœa, 10 occurred in West Ham, 5 in Enfield, 5 in Willesden, and 4 in Chislehurst sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 ins.; the lowest reading was 29·34 ins. on Sunday morning, and the highest 29·88 ins. on Tuesday evening. The mean temperature of the *air* was 59°·3, and 3°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean exceeded the average on Thursday and Friday, but was below the average on the other days of the week, the deficiency on Monday being 8°·9. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 11·2 miles per hour, which was 1·1 miles above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·19 of an inch. The duration of registered bright sunshine in the week was 26·8 hours, against 24·5 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 17th August, 1889.

CITIES AND BOROUGH.	POPULATION estimated at the middle of the Year 1889.		Registered during the Week ending 17th Aug., 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.				
	1.	2.	3.	4.	Deaths of		Deaths from						Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	Annual Rate per 1,000 corresponding to the		Mean.		In Inches.		In Cent.			
					Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.				Diarrhoea.	Violence.								
																		From All Causes.	From Diseases Cols. 6-12.				Highest.	Lowest.	Fahrenheit.	Centigrade.
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS.	9,555,406	6016	3518	1260	630	-	69	53	54	45	36	555	113	217	543	79	19.2	4.4	77.7	46.0	57.6	14.22	0.65	1.65	- 28 TOWNS.
LONDON.	4,351,738	2715	1382	447	291	-	18	13	36	17	8	168	49	108	319	8	16.6	3.0	77.7	48.8	59.3	15.17	0.19	0.48	LONDON.
BRIGHTON.	121,807	68	42	14	12	-	-	-	-	1	1	8	2	2	5	2	18.0	5.1	69.3	50.7	58.7	14.83	0.32	0.81	BRIGHTON.
PORTSMOUTH.	141,253	99	53	27	11	-	1	-	-	-	1	10	-	2	4	-	21.5	6.1	-	-	-	-	-	-	PORTSMOUTH.
NORWICH.	94,510	67	39	18	6	-	-	-	-	1	1	5	1	1	2	1	26.7	10.7	68.8	48.4	58.2	14.56	0.92	2.34	NORWICH.
PLYMOUTH.	78,225	54	40	15	1	-	-	8	1	1	1	8	4	7	5	5	15.9	2.7	68.8	46.0	57.0	13.89	0.51	1.30	PLYMOUTH.
BRISTOL.	229,361	142	70	24	14	-	-	1	-	-	-	-	8	-	2	-	22.1	5.7	71.8	48.1	55.6	13.11	0.35	0.89	BRISTOL.
WOLVERHAMPTON.	82,544	70	35	14	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	WOLVERHAMPTON.
BIRMINGHAM.	454,835	296	204	86	26	-	6	3	4	-	2	51	5	11	21	5	28.4	7.6	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER.	150,520	92	52	27	11	-	1	1	-	-	1	19	4	6	5	1	18.0	7.6	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM.	237,812	128	74	30	15	-	1	2	-	-	-	21	3	3	6	1	16.2	5.3	71.3	50.3	57.0	13.89	0.57	1.45	NOTTINGHAM.
DERBY.	98,629	48	17	10	2	-	-	-	-	-	-	10	1	1	6	2	21.9	6.1	-	-	-	-	-	-	DERBY.
BIRMINGHAM.	102,511	75	43	15	9	-	-	3	1	3	1	7	-	1	3	12	18.3	3.4	69.1	52.7	57.5	14.17	0.45	1.14	BIRMINGHAM.
LIVERPOOL.	606,562	338	213	84	26	-	2	3	2	3	3	27	10	11	33	12	23.2	5.0	-	-	-	-	-	-	LIVERPOOL.
LONDON.	114,670	73	51	14	9	-	2	2	-	-	2	5	1	2	7	2	23.2	5.0	-	-	-	-	-	-	LONDON.
MANCHESTER.	578,800	267	167	67	28	-	6	2	1	2	5	22	4	10	27	8	23.0	5.2	-	-	-	-	-	-	MANCHESTER.
SALFORD.	234,983	150	84	36	12	-	-	-	3	1	1	24	1	6	1	6	18.7	6.5	-	-	-	-	-	-	SALFORD.
OLDHAM.	142,405	65	47	13	7	-	-	-	-	1	-	3	5	7	6	1	17.2	1.5	-	-	-	-	-	-	OLDHAM.
BLACKBURN.	121,275	89	58	14	9	-	-	-	-	1	1	10	-	-	6	-	25.0	5.2	-	-	-	-	-	-	BLACKBURN.
PRESTON.	104,194	68	85	41	5	-	11	1	1	1	3	22	1	1	1	1	42.6	19.0	-	-	-	-	-	-	PRESTON.
HUDDESFIELD.	92,825	33	30	7	5	-	-	1	1	1	-	1	1	-	4	2	16.9	2.2	-	-	-	-	-	-	HUDDESFIELD.
HALEFAX.	81,080	53	35	8	10	-	5	1	-	-	-	1	2	2	4	4	22.5	4.5	-	-	-	-	-	-	HALEFAX.
BRADFORD.	235,056	145	83	25	21	-	3	1	1	4	-	10	1	6	6	3	18.4	4.2	68.3	51.6	56.8	13.78	0.94	2.39	BRADFORD.
LEEDS.	357,449	230	156	67	28	-	2	5	1	1	2	32	3	8	17	3	22.8	6.3	-	-	-	-	-	-	LEEDS.
SHEFFIELD.	327,927	200	142	58	20	-	2	2	2	2	2	24	2	2	4	14	22.6	5.6	-	-	-	-	1.44	3.66	SHEFFIELD.
HULL.	208,017	149	112	44	22	-	4	-	-	2	3	23	5	8	9	2	28.1	8.0	71.0	46.0	57.6	14.22	-	-	HULL.
SUNDERLAND.	184,193	109	76	29	12	-	2	2	-	-	1	12	1	2	6	2	29.5	6.6	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE.	160,983	109	86	29	8	-	2	2	-	1	-	11	5	9	10	5	27.9	4.2	69.0	52.0	58.7	14.83	0.83	2.11	NEWCASTLE.
CARDIFF.	112,712	94	39	17	3	-	1	-	-	1	-	7	-	3	4	-	18.1	3.7	-	-	-	-	-	-	CARDIFF.
EDINBURGH.	266,900	141	79	17	16	-	-	-	8	2	2	4	5	9	20	8	15.4	2.2	64.8	49.0	56.3	13.50	0.58	1.47	EDINBURGH.
GLASGOW.	528,144	347	210	74	25	-	4	-	2	12	1	23	6	9	27	13	20.7	4.1	64.8	48.5	56.9	13.83	0.93	2.36	GLASGOW.
DUBLIN.	353,082	239	165	60	32	-	1	-	1	4	3	25	4	8	40	22	24.4	5.0	68.4	47.7	58.9	14.94	1.25	3.17	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-THIRD Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2702	2512	2532	2670	2652	2579	2535	2528	2465	2604	2811.1	2715
Males . .	1359	1275	1244	1388	1393	1335	1285	1272	1268	1333	1494.7	1392
Females .	1343	1237	1288	1282	1254	1244	1250	1256	1197	1271	1376.4	1323
TOTAL Deaths	1349	1492	1474	1528	1437	1634	1473	1420	1713	1330	1619.3	1382
Males . .	723	759	765	796	756	810	725	712	920	721	898.2	711
Females .	626	733	709	732	681	824	748	708	793	609	781.1	671

The numbers in this column are the average weekly numbers in the thirty-third weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.
TOTAL Births	2402	2405	2523	2396	2636	2467	2507	2306	2627	2376	2481	2180	2715
TOTAL Deaths	1267	1151	1306	1247	1243	1265	1350	1605	1556	1553	1532	1366	1382
Ages at Death													
{ 0-20 years	618	506	601	564	575	572	722	902	908	893	850	739	727
{ 20-40 "	152	143	186	173	180	179	163	151	164	166	161	139	160
{ 40-60 "	221	209	245	227	218	232	221	232	197	228	209	222	202
{ 60-80 "	224	237	234	236	225	229	205	257	245	212	261	216	235
{ at 80 years & upwds.	62	51	40	47	45	53	34	63	42	49	51	50	58
"													
{ Under 1 year	301	242	306	293	281	315	429	617	631	599	555	463	447
{ 1-5 "	222	181	205	184	203	189	203	196	197	216	193	195	195
{ 5-20 "	85	83	90	87	91	68	85	89	80	83	102	76	85
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	47	31	39	32	23	33	31	30	29	20	25	15	13
" " Scarlet fever	16	4	12	11	17	10	9	9	12	6	11	16	13
" " Diphtheria	21	16	34	26	27	13	33	25	23	44	45	28	36
" " Whooping-cough	48	49	26	37	27	27	32	26	29	19	22	19	17
" " Typhus	-	-	-	-	-	-	-	-	-	-	-	2	-
" " Enteric fever	5	9	3	8	7	8	8	8	7	8	8	6	8
" " Simple Contag. fever	1	-	4	2	-	1	-	2	-	1	-	1	-
" " Diarrhoea and " " Dysentery }	13	14	19	34	40	57	155	258	273	271	199	175	153
" " Cholera	1	-	1	-	-	-	5	10	10	10	4	4	4
" " all the above- " " mentioned Diseases }	152	123	138	150	141	149	278	368	383	379	314	266	254
" " Dis. of Respira- " " tory System }	177	162	205	169	171	169	143	153	141	160	182	149	162
" " Phthisis	148	144	174	162	155	137	138	127	136	150	126	128	135
" " Dis. of Circula- " " tory System }	98	101	97	106	123	99	94	117	102	91	110	93	111
Violent Deaths	48	55	58	48	53	39	51	83	43	60	70	65	49
Inquest Cases	89	104	91	109	105	90	90	129	83	113	115	114	103
Deaths in Public Institutions	342	290	323	290	324	314	280	356	348	314	325	320	319
TEMPERATURE OF THE AIR													
Mean	61.9	55.7	64.3	56.8	59.6	64.1	63.3	63.0	58.7	58.1	64.9	60.4	59.3
Mean of Highest readings	75.1	64.9	77.2	64.0	72.4	77.1	74.6	72.9	69.9	67.7	76.2	72.8	69.7
Mean of Lowest readings	50.8	48.0	53.4	51.7	49.7	52.1	53.7	56.2	51.3	51.9	55.3	52.0	52.5
Humidity of the Air	77	82	73	89	76	71	71	80	80	82	76	80	82
Rain-fall in inches	0.51	1.33	0.31	1.73	0.00	0.02	0.00	0.72	0.43	0.90	0.20	0.46	0.19
Registered Sunshine (in hours)	49.1	47.2	50.1	3.3	65.3	54.1	51.3	23.0	28.1	26.5	36.5	46.0	26.8

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 33rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 17th August 1889.										CAUSES OF DEATH.	Corrected Averages for the 33rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 17th August 1889.									
			Deaths of Persons of the Ages												Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 and under 90.	90 Years and upwards.	ALL AGES.			Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 and under 90.	90 Years and upwards.		
				0-1.	1-6.	6-20.									0-1.	1-6.	6-20.							
ALL CAUSES -		1619.3	1382	447	195	85	160	202	235	53			Diseases of Organs of Special Sense † -	2.0	2	-	-	1	1	-	-	-	-	
Small-pox	Vaccinated † -	7.2	-	-	-	-	-	-	-	-	-	-	Diseases of Circulatory System -	90.5	111	1	2	6	18	23	52	9		
	Unvaccinated -		-	-	-	-	-	-	-	-	-	-												
	No Statement -		-	-	-	-	-	-	-	-	-	-												
Measles -		45.8	18	4	12	2	-	-	-	-	-	-	Croup -	10.3	7	-	6	1	-	-	-	-	-	
Scarlet Fever -		32.7	13	-	8	5	-	-	-	-	-	-	Bronchitis -	93.8	83	28	18	2	3	7	23	2		
Typhus -		0.7	-	-	-	-	-	-	-	-	-	-	Pneumonia -	67.9	55	9	18	1	6	11	10	-		
Relapsing Fever † -		0.0	-	-	-	-	-	-	-	-	-	-	Pleurisy -	5.3	3	-	-	-	2	-	-	1		
Influenza -		0.0	-	-	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	20.9	14	6	2	-	-	3	3	-		
Whooping-cough -		35.8	17	6	10	1	-	-	-	-	-	-	Dentition † -	14.2	15	8	7	-	-	-	-	-		
Diphtheria -		14.3	33	2	21	10	2	-	1	-	-	-	Quinsy, Sore Throat † -	0.9	1	-	-	-	1	-	-	-		
Simple Continued and Ill-defined Fever -		1.7	-	-	-	-	-	-	-	-	-	-	Enteritis -	13.4	24	18	2	1	1	-	2	-		
Enteric Fever -		15.4	8	-	-	1	7	-	-	-	-	-	Peritonitis -	6.8	3	-	-	-	2	-	1	-		
Cholera -		8.5	4	1	-	-	2	-	-	1	-	-	Diseases of Liver -	33.7	26	4	-	-	2	14	4	2		
Diarrhoea, Dysentery -		213.0	153	112	27	1	2	4	9	3	-	-	Other Diseases of Digestive System -	31.4	29	7	2	2	5	6	6	1		
Remittent Fever -		0.3	1	-	-	-	-	1	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † -	0.9	2	-	-	1	-	-	1	-		
Hydrophobia -		0.2	-	-	-	-	-	-	-	-	-	-	Diseases of Urinary System -	38.7	29	1	-	-	3	13	9	3		
Glanders -		0.0	-	-	-	-	-	-	-	-	-	-	Diseases of Generative System -	5.7	9	1	-	1	5	1	1	-		
Cowpox and Effects of Vaccination † -		0.2	-	-	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.7	2	-	-	-	2	-	-	-		
Venerical Affections -		11.8	17	13	1	-	2	1	-	-	-	-	Diseases of Locomotive System † -	9.0	5	-	1	1	1	1	-	1		
Erysipelas -		4.7	5	1	-	1	-	2	-	1	-	-	Diseases of Integumentary System -	7.1	3	2	-	-	-	1	-	-		
Pyæmia and Septicæmia †		2.9	3	-	1	-	1	-	-	-	-	-	VIOLENT DEATHS. §											
Puerperal Fever -		3.7	4	-	-	4	-	-	-	-	-	-	(ACCIDENT.)											
Other Zymotic Diseases †		2.0	-	-	-	-	-	-	-	-	-	-	Fracture and Contusion -	20.6	21	-	1	7	4	6	3	-		
Thrush -		4.8	3	3	-	-	-	-	-	-	-	-	Gunshot Wound -	0.1	-	-	-	-	-	-	-	-		
Worms and other Parasitical Diseases -		0.4	1	-	1	-	-	-	-	-	-	-	Cut, Stab -	0.4	1	-	-	-	1	-	-	-		
Starvation, Want of Breast-milk † -		2.4	2	2	-	-	-	-	-	-	-	-	Burn and Scald -	3.2	3	1	1	1	-	-	-	-		
Alcoholism -		5.8	5	-	-	2	3	-	-	-	-	-	Poison -	1.7	2	-	1	-	1	-	-	-		
Rheumatic Fever, Rheumatism of Heart †		6.5	6	-	-	2	2	1	1	-	-	-	Drowning -	11.8	8	-	-	5	3	1	-	-		
Rheumatism †		3.3	3	-	-	1	-	1	1	-	-	-	Suffocation -	9.2	8	5	-	-	1	1	1	-		
Gout -		2.7	2	-	-	-	-	1	1	-	-	-	Otherwise -	2.6	2	-	-	-	-	-	2	-		
Rickets †		2.6	7	2	5	-	-	-	-	-	-	-	(HOMICIDE.)											
Cancer -		56.0	68	-	-	-	9	21	35	1	-	-	Murder & Manslaughter -	2.0	1	-	-	-	-	1	-	-		
Tuberc Mesenterica -		47.4	29	20	8	1	-	-	-	-	-	-	(SUICIDE.)											
Tubercular Meningitis -		30.9	24	8	13	3	-	-	-	-	-	-	Gunshot Wound -	1.0	-	-	-	-	-	-	-	-		
Phthisis -		157.7	135	5	2	13	54	45	16	-	-	-	Cut, Stab -	1.0	-	-	-	-	-	-	-	-		
Scrofula, Tuberculosis -		13.9	19	11	3	3	1	1	-	-	-	-	Poison -	1.6	-	-	-	-	-	-	-	-		
Other Constitutional Diseases †		8.8	3	-	-	1	-	1	1	-	-	-	Drowning -	2.2	3	-	-	2	-	-	-	-		
Premature Birth -		39.1	43	43	-	-	-	-	-	-	-	-	Hanging -	2.4	1	-	-	-	1	-	-	-		
Atelactæsis †		2.4	4	4	-	-	-	-	-	-	-	-	Otherwise -	1.0	-	-	-	-	-	-	-	-		
Conzenital Malformations -		7.3	2	2	-	-	-	-	-	-	-	-	(EXECUTION.)											
Old Age -		46.5	51	-	-	-	-	-	24	27	-	-	Hanging -	0.0	-	-	-	-	-	-	-	-		
Apoplexy -		39.6	21	-	-	-	4	8	10	2	-	-	OTHER CAUSES † -	83.9	62	53	3	1	1	1	-	-		
Epilepsy -		5.6	11	1	1	1	4	2	2	-	-	-												
Convulsions -		53.7	47	39	8	-	-	-	-	-	-	-												
Other Diseases of Brain and Nervous System		31.6	74	13	10	8	5	15	14	4	-	-												

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.
† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION		Enu- merated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from												Deaths in Public Institutions.	Unclassified Causes of Death.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 10 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON		3,815,704	2715	1382	447	291	-	18	13	36	17	-	8	-	158	49	108	319		
WEST DISTRICTS		689,638	481	215	72	49	-	2	2	6	-	-	1	-	15	4	17	46		
NORTH DISTRICTS		905,947	625	299	92	73	-	-	2	14	5	-	4	-	33	11	23	81		
CENTRAL DISTRICTS		282,238	150	88	23	10	-	3	1	3	-	-	-	-	8	6	11	29		
EAST DISTRICTS		692,738	492	291	101	56	-	2	3	6	4	-	-	-	37	15	30	82		
SOUTH DISTRICTS		1,265,148	1017	489	189	103	-	11	5	7	8	-	3	-	65	13	27	81		
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69883	52	20	9	6	-	-	-	-	-	-	-	-	5	-	2	5		
St. John Paddington H - G.J.		37380	8	13	1	6	-	-	-	-	-	-	-	-	1	1	7	-		
Kensington Town Ww - W.M.		190141	84	25	7	9	-	-	1	1	-	-	-	-	3	-	1	4		
Brompton H - W.M. & C.		43010	17	7	3	-	-	-	-	-	-	-	-	-	1	-	-	-		
St. Peter Hammersmith - W.M.		7599	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Paul Hammersmith H W.M. & G.J.		64340	63	29	10	9	-	-	-	3	-	-	-	-	1	-	2	-		
Fulham Ww - W.M. & C.		42900	84	33	13	6	-	1	-	1	-	-	-	-	1	-	7	-		
Chelsea South HHH - C.		6396	18	11	4	1	-	-	-	-	-	-	-	-	-	1	2	3		
Chelsea North-west WHHHH - C.		24925	17	15	6	2	-	-	-	-	-	-	-	-	-	-	6	-		
Chelsea North-east - C.		32807	80	10	6	1	-	-	-	-	-	-	-	-	-	-	1	-		
May Fair WW - G.J.		80853	5	7	-	1	-	-	-	-	-	-	1	-	-	1	1	4		
Belgrave WHHH - C.		69220	23	17	3	6	-	-	-	-	-	-	-	-	-	-	1	-		
St. John Westminster HHH - C.		35498	27	11	7	1	-	-	-	-	-	-	-	-	1	-	1	-		
St. Margaret Westminster H - C.		24679	5	6	-	-	-	1	1	1	-	-	-	-	-	-	-	1		
St. James Westminster WHH N.R. & G.J.		29941	9	7	1	1	-	-	-	-	-	-	-	-	-	1	2	-		
St. Anne Soho HHHHHH - N.R.		18608	2	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-		
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	10	8	-	3	-	-	-	-	-	-	1	-	-	-	-	6		
Cavendish Square HHHH - W.M.		14891	4	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
Rectory Marylebone WH G.J. & W.M.		24809	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Mary Maryleb. HHH G.J. & W.M.		21118	32	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HHH - W.M.		33700	19	9	4	2	-	-	-	-	2	-	-	-	2	-	-	-		
St. John Marylebone H - W.M.		89688	24	6	2	2	-	-	-	-	-	-	-	-	1	2	3	-		
Hampstead Ww - N.R. & W.M.		45452	28	18	6	9	-	-	4	-	-	-	-	-	1	-	2	3		
Regent's Park Paneras H - W.M.		89115	17	14	5	8	-	-	-	-	-	-	-	-	2	-	1	-		
Tottenham-court WHHHH N.R. & W.M.		27729	14	23	5	3	-	-	-	1	-	-	-	-	1	2	3	11		
Gray's Inn Lane HHH - N.R.		80247	20	8	3	1	-	-	-	-	-	-	-	-	1	-	-	-		
Somers Town H - N.R.		34389	25	9	3	-	-	-	-	-	-	-	-	-	1	-	-	1		
Camden Town WH - N.R.		17811	11	9	1	4	-	-	-	-	-	-	-	-	1	-	7	-		
Kentish Town W - N.R.		87487	67	38	14	11	-	-	-	-	2	-	-	-	9	-	2	10		
Upper Holloway WWH - N.R.		67946	83	25	6	9	-	-	1	-	-	-	2	-	2	1	3	17		
Islington South-west HH - N.R.		106976	82	19	7	3	-	-	-	-	-	-	-	-	2	2	2	-		
Islington South-east - N.R.		61825	31	8	5	2	-	-	-	-	-	-	-	-	2	-	-	-		
Highbury H - N.R.		52048	37	10	3	4	-	-	-	-	-	-	-	-	2	-	-	-		
Stoke Newington H - N.R.		22781	14	10	2	3	-	-	-	-	1	-	-	-	2	-	1	-		
Stamford Hill - E.L.		9277	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - N.R.		87610	28	6	4	1	-	-	-	-	-	-	1	-	-	-	-	-		
Hackney Ww - E.L. & N.R.		76911	59	50	13	17	-	2	5	-	-	-	-	-	4	4	4	24		
South Hackney - E.L.		39883	23	9	6	-	-	-	2	-	-	-	-	-	1	-	-	-		
CENTRAL DISTRICTS.																				
St. George Bloombury - N.R.		16631	7	7	1	1	-	-	-	-	-	-	-	-	-	1	1	-		
St. Giles South WH - N.R.		14864	14	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Giles North - N.R.		13837	1	1	-	1	-	-	-	-	-	-	-	-	-	1	1	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	9	11	1	-	-	1	-	-	-	-	-	-	-	-	-	-		
St. Mary-le-Strand H - N.R.		7515	4	4	2	1	-	-	-	-	-	-	-	-	2	2	4	4		
St. Clement Danes H - N.R.		8559	4	9	2	-	-	-	-	-	-	-	-	-	-	-	-	8		
Strand Union Workhouse, Edmonion w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Geo., the Martyr HHHHHH N.R.		18671	9	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Andrew Eastern W - N.R.		10708	7	2	-	1	-	-	-	1	-	-	-	-	-	-	-	3		
Saffron Hill H - N.R.		6533	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - N.R.		17516	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - N.R.		19281	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - N.R.		14773	8	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - N.R.		17505	11	4	2	-	-	1	-	-	-	-	-	-	2	-	-	-		
Old-street H - N.R.		11541	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HLL - N.R.		18628	30	8	5	1	-	1	-	-	-	-	-	-	1	-	1	3		
Whitecross-street - N.R.		9217	4	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
Finsbury - N.R.		7463	3	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - N.R. & E.L.		11174	4	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-		
Cripplegate - N.R.		7193	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - N.R.		5558	1	11	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
St. Bride W - N.R.		8296	2	2	1	-	-	-	-	-	-	-	-	-	-	2	4	9		
Alhallowes Barking - N.R.		13666	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - N.R.		6653	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London and *K.* the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 17th August, 1889.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	The DEATHS registered in the Week include																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by :-

Marylebone Infirmary in Kensington Town sub-district.
 General London Sick Asylum in Tottenham Court-road sub-district.
 Holborn Infirmary in Upper Holloway sub-district.
 London City Workhouse Hackney sub-district.
 Holborn " Hoxton New Town sub-district.
 Whitechapel " Mile End Old Town Eastern sub-dist.
 London City " Mile End Old Town Eastern sub-dist. and Bromley sub-district.
 * Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
 Poplar & Stepney Sick Asylum
 Westminster Union Industrial School in West Battersea sub-district.
 Strand and Holborn Workhouses outside Registration London.
 St. Saviour's Infirmary in Camberwell sub-district.
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 17th August, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														
						Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		370,924	950,957	882	378	146	77	-	2	1	3	10	5	61	12	23	39	3		
80:1	Carshalton wL -	12228	21118	7	3	2	1	-	-	-	-	-	-	-	1	1	-	-		
2	Epsom (part of)* WwH	9971	10710	4	3	2	-	-	-	-	-	-	-	3	-	-	-	-		
37:1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
38:1	Croydon WwHHL -	20851	101241	83	39	10	12	-	-	-	-	-	-	3	-	-	-	11		
2	Mitcham w† -	11697	17932	12	5	1	2	-	-	-	-	-	-	-	1	1	-	-		
39:1	Wimbledon HHH -	3220	15950	13	5	1	1	-	-	-	-	1	-	-	-	-	-	1		
2	Kingston WHH -	8549	36354	28	12	1	5	-	-	-	-	-	-	1	-	1	1	1		
3	Esher (part of)* -	6601	9221	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Hampton H -	4573	13539	10	6	3	-	-	-	-	-	-	-	-	2	2	-	-		
40:1	Richmond WH -	2272	21302	7	8	3	3	-	-	-	-	1	-	1	-	-	-	1		
2	Mortlake -	2941	12331	12	4	2	1	-	-	-	-	-	-	2	-	1	-	-		
41:1	Bromley (pt. of)* HH	15689	31142	12	8	3	1	-	-	-	-	2	-	1	1	1	-	-		
2	Chislehurst (pt. of)* WHH	14307	15844	6	9	5	1	-	-	-	-	-	-	4	-	-	-	1		
42:1	Bexley H -	18437	24134	21	10	4	3	-	-	-	-	1	-	3	-	-	-	-		
2	Dartford (Ww, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124:1	Sunbury w -	11055	11635	6	6	4	1	-	-	-	-	-	-	1	-	-	-	-		
2	Staines W -	13277	12089	14	3	1	2	-	-	-	-	-	-	-	-	1	-	-		
125:1	Hillingdon WHH -	6029	10802	8	9	5	1	-	-	-	-	-	-	1	-	-	-	1		
2	Uxbridge -	6178	3225	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes wHL -	14537	11623	7	7	1	1	-	-	-	-	1	1	1	-	-	-	3		
126:1	Isleworth WHH -	7008	22727	14	14	5	4	-	-	-	-	-	-	-	2	1	1	6		
2	Twickenham H -	2477	12479	12	7	4	2	-	-	-	-	1	-	-	-	-	-	-		
3	Brentford HL -	4845	27649	14	7	3	1	-	-	-	-	-	-	1	-	1	-	-		
4	Chiswick -	1340	15975	16	5	2	-	-	-	-	-	-	-	3	-	-	-	-		
5	Acton wH -	6083	23276	30	11	4	3	-	-	-	-	-	-	2	1	2	-	-		
127:1	Harrow H -	13809	12796	6	6	2	-	-	1	1	-	1	-	1	-	-	-	-		
2	Edgware H -	6994	3749	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden -	4383	27453	42	17	8	1	-	-	-	-	-	-	5	-	1	-	-		
4	Hendon W -	8382	10484	13	9	1	3	-	-	-	-	-	1	-	-	-	-	5		
137:1	Bushey -	9331	6621	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
138:1	South Mimms -	15599	6391	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet -	5433	10092	5	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley HL -	4688	17615	16	12	3	3	-	1	-	-	-	-	-	-	-	-	4		
135:1	Hatfield (part of)* -	3306	583	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
139:1	Hornsey H -	3039	37078	35	6	-	2	-	-	-	1	-	-	-	-	-	-	-		
2	Tottenham H -	4642	46455	70	21	11	3	-	-	-	1	-	1	3	1	3	-	-		
3	Edmonton Ww† -	7485	23463	21	10	1	2	-	-	-	-	-	-	1	2	2	2	-		
4	Enfield WH -	12653	19104	21	8	5	2	-	-	-	-	-	-	5	-	-	-	1		
5	Waltham Abbey -	11017	3343	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt -	8480	7735	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
136:1	Stratford -	882	38006	26	10	5	-	-	-	-	-	-	1	3	-	1	-	-		
2	West Ham wvwH§ -	7351	101033	145	54	26	9	-	-	-	-	2	-	10	2	3	-	2		
3	Leyton WwL -	4372	32430	47	9	3	2	-	-	-	-	-	1	1	-	-	-	2		
4	Walthamstow H -	6520	28869	44	10	6	1	-	-	-	-	-	-	1	-	-	-	-		
137:1	Chigwell (part of)* H	11761	9659	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
139:1	Romford (part of)* W	6730	3411	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-		
2	Ilford -	3493	7645	9	5	5	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30:2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1235); 37:1, the parishes of Waringham and Farley in the Epsom sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 2477); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5.)

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th August, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE OF MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	16·3	3·1	1760	593	368	-	20	14	39	27	13	219	61	358	
INNER LONDON -	77,410	4,351,738	16·6	3·0	1382	447	291	-	18	13	36	17	8	158	40	319	
OUTER RING -	370,924	1,290,277	15·3	3·3	378	146	77	-	2	1	3	10	5	61	12	39	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrheal Diseases.
ALCUTTA -	433,219	June 29	-	201	24·2	-	-	-	-	-	40	34†
BOMBAY -	773,196	July 16	261	474	27·1	2	10	?	?	?	129	69†
MADRAS -	398,777	June 7	318	383	50·6	2	43	?	?	?	88	76†
		June 14	339	320	41·7	2	27	?	?	?	86	61†
PARIS -	2,260,945	August 10	1230	972	22·4	-	15	8	27*	11	33	147
BRUSSELS - (th 8 Faubourgs.)	471,606	" 10	241	170	18·7	-	5	-	1	3	5	22
AMSTERDAM -	403,083	" 10	250	153	20·0	-	-	1	2	4	-	2
ROTTERDAM -	197,723	" 10	130	80	21·0	-	2	-	-	-	-	1
THE HAGUE -	153,440	" 10	102	52	17·6	-	-	-	-	2	-	-
COPENHAGEN -	307,000	" 3	170	184	31·3	-	-	1	7	5	2	45
STOCKHOLM -	228,218	" 3	139	83	18·9	-	-	3	1	2	-	19
CHRISTIANIA -	138,300	" 10	43	55	20·6	-	2	-	5	2	1	13
S. PETERSBURG -	842,883	" 3	-	501	31·0	7	8	9	1	4	26	116
BERLIN -	1,489,672	July 27	892	652	22·8	-	2	3	11	4	9	228
HAMBURG (State) -	575,276	August 3	366	254	23·0	-	-	1	6*	5	6	62
DRESDEN -	264,196	" 3	161	132	26·0	?	-	-	3*	?	1	40
WRESLAU -	315,000	" 10	207	178	29·5	-	2	-	4*	-	-	41
MUNICH -	281,000	" 3	195	219	40·5	-	-	2	6*	-	-	92
VIENNA -	811,434	" 3	558	299	19·2	-	3	1	6	-	1	43
PRAGUE -	304,356	" 3	-	149	25·5	1	1	1	3	2	5	7
BUDA-PESTH -	452,907	" 3	307	262	30·1	-	-	6	10	1	10	43
TRIESTE -	158,084	" 3	-	73	24·0	-	-	-	3*	-	1	11
ROME -	404,449	June 22	223	175	22·6	-	5	1	8	-	6†	23
FURIN (10 days) -	306,398	July 10	243	198	23·6	-	14	1	1	-	-	23
VENICE -	163,375	" 27	69	69	23·5	1	-	-	-	1	2	12
CAIRO -	374,338	" 18	356	470	65·4	7	5	-	-	7	25	202
ALEXANDRIA -	231,896	" 18	169	203	45·8	1	1	-	3*	1	8	66
NEW YORK -	1,571,300	" 27	-	904	30·0	-	6	6	27	12	10	273
BROOKLYN -	814,505	" 27	-	356	22·3	-	2	3	8	8	6	77
PHILADELPHIA -	1,040,245	" 27	-	471	23·6	-	-	3	6	4	19	81
BALTIMORE -	500,343	" 27	-	191	19·9	-	-	1	1	2	1	67

* Including deaths from group.

† Including 20 deaths from cholera in Calcutta, 19 in Bombay, and 3 and 4 respectively in Madras.

‡ Including 2 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, AUGUST 17TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.	Phases of the Moon.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose opening surface is 5 inches above the level of Ground.		
		Of the Air.				Of the Water at Deptford.				General Direction.				Pressure on the Square Foot.						
		High- est.	Low- est.	Range.	Mean daily value.	De- parture from mean daily average value. 30 years.	Mean daily value.	Great- est.	Least.	Difference between the Air Temperature and Dew Point.	Degree of saturation (Satu- ration equals 100).	High- est in Sun's rays.	Low- est on the Grass.	A.M.	P.M.	Great- est.	Least.	Mean of 24 hourly obs.		
AUGUST.		In.	°	°	°	°	°	°	°	°	°	°	°	WSW. & N.	WSW. & N.	WSW. & N.	WSW. & N.	WSW. & N.		
SUN. . 11	Full.	29.370	68.9	49.7	17.2	56.3	51.1	5.2	16.2	0.0	83	120.5	43.2	SW.	WSW. & N.	1.0	0.0	0.0		
MON. . 12	..	29.606	62.1	48.8	13.3	53.7	52.9	0.8	9.3	0.0	97	107.1	43.0	WSW. & N.	NNW.	1.9	0.0	0.2		
TUES. . 13	..	29.846	63.7	52.3	11.4	56.8	49.9	6.9	13.5	1.6	78	114.0	47.0	NW. & W.	NW. & WSW.	1.2	0.0	0.0		
WED. . 14	In Equator.	29.701	68.3	51.6	16.7	57.9	53.7	4.2	18.2	0.0	86	120.1	48.5	SW.	SSW. & W.	3.1	0.0	0.5		
THURS. . 15	..	29.681	74.2	57.5	16.7	63.8	57.2	6.6	16.7	0.6	79	127.4	51.4	W. & WSW.	WSW. & W.	2.0	0.0	0.2		
FRI. . 16	..	29.804	77.7	55.3	22.4	64.6	57.0	7.6	19.5	0.0	76	135.4	50.3	WSW.	SW.	1.5	0.0	0.2		
SAT. . 17	..	29.649	75.1	52.0	23.1	61.8	54.7	7.1	18.7	2.3	78	133.4	44.0	SW.	SW. & WSW.	3.7	0.0	0.9		
MEANS .	..	29.665	69.7	52.5	17.3	59.3	53.8	5.5	16.0	0.6	82	122.6	46.8	SW.	SW.	..	..	..
No. of Col.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
DATE.	ELECTRICITY.		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above		Registered Sun above	
AUGUST.	(For explanation of symbols, see Note.)		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.		Horizon, in hours.	
SUNDAY . 11	Fine generally and partially cloudy. Showery in afternoon, with thunder.		3.9		14.8		14.8		14.8		14.8		14.8		14.8		14.8		14.8	
MONDAY . 12	Generally overcast. Showery in morning.		0.1		14.7		14.7		14.7		14.7		14.7		14.7		14.7		14.7	
TUESDAY . 13	Overcast with slight exceptions.		0.3		14.7		14.7		14.7		14.7		14.7		14.7		14.7		14.7	
WEDNESDAY . 14	Fine but cloudy in morning; overcast and showery afterwards.		1.6		14.6		14.6		14.6		14.6		14.6		14.6		14.6		14.6	
THURSDAY . 15	Fine; variable amounts of cloud prevailed.]		6.5		14.6		14.6		14.6		14.6		14.6		14.6		14.6		14.6	
FRIDAY . 16	Fine; partially cloudy.		7.7		14.5		14.5		14.5		14.5		14.5		14.5		14.5		14.5	
SATURDAY . 17	Overcast generally in morning; fine and partially cloudy afterwards.		6.7		14.4		14.4		14.4		14.4		14.4		14.4		14.4		14.4	
SUM		28.8		Sum		Sum		Sum		Sum		Sum		Sum		Sum		Sum		
MEANS		28.8		Sum		Sum		Sum		Sum		Sum		Sum		Sum		Sum		
No. of Col.		29		30		30		30		30		30		30		30		30		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The floats at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day; or from midnight to midnight.

The reading of the barometer decreased from 29.48 in. at the beginning of the week to 29.34 in. by 10h. A.M. on the 11th; increased to 29.88 in. by 9h. P.M. on the 13th; decreased to 29.54 in. by 10h. P.M. on the 14th; increased to 29.85 in. by 9h. A.M. on the 15th; decreased to 29.61 in. by 10h. P.M. on the 16th; and increased to 29.74 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 34, 1889. VOL. L.] WEEK ENDING SATURDAY, AUGUST 24. [Price 1½d.]

General Register Office, Somerset House,
26th August, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·2 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.		Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.
Birkenhead	14·8	20·9	21·9	18·8	Liverpool -	23·4	19·2	18·3	19·0
Birmingham	23·1	18·7	23·4	15·9	London -	18·4	16·4	16·6	14·9
Blackburn -	20·2	21·9	25·0	18·1	Manchester -	27·0	24·5	23·0	24·4
Bolton -	19·6	22·7	23·2	15·0	Newcastle-on-Tyne*	25·9	30·8	27·9	29·2
Bradford*	20·9	19·5	18·4	12·4	Norwich -	24·3	18·8	21·5	14·9
Brighton -	14·1	18·0	18·0	11·1	Nottingham -	19·7	18·0	16·2	15·4
Bristol -	15·7	15·7	15·9	20·5	Oldham -	23·8	13·9	17·2	14·7
Cardiff*	21·8	24·5	18·1	25·5	Plymouth -	24·7	31·4	26·7	31·0
Derby -	18·5	14·3	9·0	14·3	Portsmouth -	19·6	18·5	20·7	21·1
Halifax -	19·3	16·7	22·5	16·7	Preston -	42·6	34·6	42·6	26·5
Huddersfield	15·7	19·1	16·9	14·6	Salford*	24·5	16·9	18·7	19·4
Hull -	21·8	21·6	28·1	23·6	Sheffield -	20·7	23·9	22·6	21·5
Leeds -	23·2	20·3	22·8	15·8	Sunderland -	28·8	28·4	29·5	23·3
Leicester*	21·5	20·5	18·0	18·0	Wolverhampton -	19·6	18·3	22·1	20·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Bradford, 1·2 in Sunderland, 1·3 in Wolverhampton, and 1·5 in Preston; from *scarlet fever*, 1·6 in Derby and 7·3 in Plymouth; from *whooping-cough*, 1·0 in Preston, 1·1 in Portsmouth, in Oldham, and in Bradford, and 1·6 in Sunderland; from "fever," 1·0 in Preston, 1·2 in Sunderland, and 1·5 in Birkenhead; and from *diarrhoea*, 4·5 in Leicester and in Hull, 4·7 in Plymouth, 5·1 in Wolverhampton, 5·2 in Newcastle-upon-Tyne, 5·5 in Preston, and 6·6 in Sunderland. *Small-pox* caused one death in Leeds, but not one in any other of the twenty-eight great towns. The 49 deaths from *diphtheria* included 37 in London, 3 in Plymouth, and 2 in Bolton.

LONDON.

In LONDON 2358 BIRTHS and 1240 DEATHS were registered. Allowing for increase of population, the births were 333, and the deaths 313, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·4, 16·4, and 16·6 in the three preceding weeks, declined last week to 14·9. During the first eight weeks of the current quarter the mean death-rate was 17·4 per 1000, having been 2·8 per 1000 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1240 deaths included 9 from measles, 16 from scarlet fever, 37 from diphtheria, 20 from whooping-cough, 11 from enteric fever, 109 from diarrhœa and dysentery, 2 from cholera and choleraic diarrhœa, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 204 deaths were referred to these diseases, being 148 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 8; and no case of small-pox was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 25, 15, and 18 in the three previous weeks, declined again last week to 9, and were 30 below the corrected average; 2 belonged to Whitechapel sanitary areas. The fatal cases of *scarlet fever*, which had been 11, 16, and 13 in the three preceding weeks, rose again last week to 16, but were 24 below the corrected average; 2 belonged to Marylebone, 2 to Paucras, 2 to Bethnal Green, and 2 to Newington sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 871 scarlet fever patients on Saturday last, against numbers increasing from 559 to 822 in the eight previous Saturdays; 98 cases were admitted to these hospitals during the week, the numbers admitted in the four preceding weeks having been 110, 124, 98, and 90. The deaths from *diphtheria*, which had been 45, 28, and 36 in the three preceding weeks, numbered 37 last week (of which 19 occurred in hospitals), and exceeded the corrected average by 18; 2 belonged to Kensington, 3 to Hackney, 3 to St. Giles, 3 to Bethnal Green, 3 to Mile End Old Town, 4 to Poplar, 2 to Newington, and 4 (including two hospital cases from one house in Denmark Road) to Lambeth sanitary areas. The 20 deaths from *whooping-cough*, though exceeding by 3 the low number in the previous week, were 17 below the corrected average; 3 belonged to Battersea sanitary area. The deaths ascribed to *diarrhœa* and *dysentery*, which had declined from 273 to 158 in the five preceding weeks, further fell last week to 109, and were 75 below the corrected average; 86 were of infants under one year of age, and 15 of children aged one to 5 years. The death of an infant was attributed to infantile cholera, and that of an adult to choleraic diarrhœa.

The deaths referred to *enteric fever*, which had been 8, 6, and 8 in the three previous weeks, rose last week to 11, being, however, 4 below the corrected average; 2 belonged to Bethnal Green sanitary area. There were 62 cases of enteric fever, but not one of typhus, under treatment in the Metropolitan Asylum Hospitals on Saturday last; 6 cases were admitted during the week, against 10, 6, and 11 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 182, 149, and 162 in the three previous weeks, declined again last week to 115, and were 67 below the corrected average.

Different forms of violence caused 56 deaths, on 52 of which inquests were held. Of these 56 deaths, 5 were cases of suicide, while the remaining 51 were attributed to negligence or accident. Five of these 51 deaths were caused by vehicles in the streets, 7 by burns and scalds, 10 by drowning, 1 by poison, and 7 of infants under one year of age by suffocation.

GREATER LONDON.

In Greater London 3141 births and 1604 deaths were registered, corresponding to annual rates of 29·1 and 14·8 per 1000 of the estimated population. In the Outer Ring 38 deaths from diarrhœa, 10 from whooping-cough, and 5 from scarlet fever were registered. Of the 38 deaths from diarrhœa, 5 occurred in Willesden, 4 in Croydon, 4 in Tottenham, and 4 in West Ham sub-districts. Two fatal cases of scarlet fever were recorded in West Ham sub-district. The deaths in Sunbury sub-district included one returned as caused by hydrophobia.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·51 ins.; the highest reading was 29·85 ins. on Sunday morning, and the lowest 29·10 ins. on Tuesday morning. The mean temperature of the *air* was 57°·8, and 3°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the deficiency on Saturday amounting to 6°·7. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 13·1 miles per hour, which was 3·7 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·98 of an inch. The duration of registered bright sunshine in the week was 26·2 hours, against 26·1 hours at Glynde Place, Lewes.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FOURTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2370	2497	2393	2554	2450	2660	2413	2421	2521	2401	2691.3	2358
Males . .	1177	1253	1209	1506	1242	1381	1226	1249	1231	1189	1359.1	1218
Females . .	1193	1244	1184	1248	1208	1279	1187	1172	1290	1212	1332.2	1140
TOTAL Deaths	1322	1488	1342	1401	1356	1579	1371	1458	1490	1438	1553.4	1240
Males . .	734	789	696	755	699	825	692	745	781	763	815.6	674
Females . .	588	699	646	646	657	754	679	713	709	675	737.8	566

The numbers in this column are the average weekly numbers in the thirty-fourth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.
TOTAL Births	2405	2523	2396	2636	2467	2507	2306	2627	2376	2481	2180	2715	2358
TOTAL Deaths	1151	1306	1247	1243	1265	1350	1605	1556	1553	1542	1366	1332	1240
Ages at Death													
0–20 years	506	601	564	575	572	722	902	908	893	850	739	727	628
20–40 "	144	186	173	180	179	168	151	164	165	161	139	160	140
40–60 "	209	245	227	218	232	221	232	197	223	209	222	202	197
60–80 "	237	234	236	225	229	205	257	245	212	261	216	235	223
at 80 years & upwds.	51	40	47	45	53	34	63	42	49	51	50	58	52
Under 1 year	242	306	293	281	315	429	617	631	599	555	468	447	387
1–5 "	181	205	184	203	189	208	196	197	216	193	195	195	163
5–20 "	83	90	87	91	68	85	89	80	83	102	76	85	78
Deaths from Small-pox	31	39	32	23	33	31	30	29	20	25	15	18	9
" " Measles	4	12	11	17	10	9	9	12	6	11	16	13	16
" " Scarlet fever	16	34	26	27	13	38	25	23	44	45	38	36	37
" " Diphtheria	49	26	37	27	27	32	26	29	19	22	19	17	20
" " Whooping-cough	9	3	8	7	8	8	8	7	8	8	6	8	11
" " Typhus	9	3	8	7	8	8	8	7	8	8	6	8	11
" " Enteric fever	4	2	2	1	1	2	2	1	1	1	1	1	1
" " Simple Cont'd fever	14	19	34	40	57	155	258	273	271	199	175	158	109
" " Diarrhoea and Dysentery	14	19	34	40	57	155	258	273	271	199	175	158	109
" " Cholera	1	1	1	1	1	5	10	10	10	4	4	4	2
" " all the above-mentioned Diseases	123	138	150	141	149	278	368	383	379	314	266	254	204
" " Dis. of Respiratory System	162	205	169	171	169	143	158	141	160	182	149	162	115
" " Phthisis	144	174	162	155	137	138	127	136	150	126	128	135	139
" " Dis. of Circulatory System	101	97	106	123	99	94	117	102	91	110	93	111	104
Violent Deaths	55	58	48	53	39	51	83	43	60	70	65	49	56
Inquest Cases	104	91	109	105	90	90	129	83	113	115	114	103	93
Deaths in Public Institutions	290	323	290	324	314	280	356	343	314	325	320	319	279
TEMPERATURE OF THE AIR													
Mean	55.7	64.3	56.8	59.6	64.1	63.3	63.0	58.7	58.1	64.9	60.4	59.3	57.8
Mean of Highest readings	64.9	77.2	64.0	72.4	77.1	74.6	72.9	69.9	67.7	76.2	72.8	69.7	68.1
Mean of Lowest readings	43.0	53.4	51.7	49.7	52.1	53.7	56.2	51.3	51.9	55.3	52.0	52.5	51.1
Humidity of the Air	82	73	89	76	71	71	80	80	82	76	80	82	80
Rain-fall in inches	1.33	0.31	1.73	0.00	0.02	0.00	0.72	0.43	0.90	0.20	0.46	0.19	0.98
Registered Sunshine (in hours)	47.2	50.1	3.3	65.3	54.1	51.3	23.0	28.1	26.5	36.5	46.0	26.8	26.2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—E. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McAnussorovich, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1899.

CAUSES OF DEATH.	Corrected Averages for the 34th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 24th August 1899.										CAUSES OF DEATH.	Corrected Averages for the 34th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 24th August 1899.																	
		Deaths of Persons of the Ages												Deaths of Persons of the Ages																	
		ALL AGES.			Under 20.			20 and under 40.		40 and under 60.				60 and under 80.		80 and upwards.		ALL AGES.			Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 and upwards.	
		0-1.	1-5.	5-20.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.			0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.				
ALL CAUSES -	1553.4	1240	387	163	78	140	197	223	52		Diseases of Organs of Special Sense † - -	2.4	2	-	1	-	1	-	-	-		2	-	1	-	1	-	-	-		
Small-pox { Vaccinated † - -	7	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - -	32.1	104	1	1	8	15	35	36	8											
Unvaccinated † - -		-	-	-	-	-	-	-	-																						
No Statement - -		-	-	-	-	-	-	-	-	-																					
Measles -	39.4	9	3	6	-	-	-	-	-		Croup - - -	11.6	5	-	4	1	-	-	-	-											
Scarlet Fever -	40.3	16	1	12	2	1	-	-	-		Bronchitis - - -	91.1	58	16	10	-	-	8	16	8											
Typhus -	0.4	-	-	-	-	-	-	-	-		Pneumonia - - -	55.7	40	11	11	4	3	5	6	-											
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-		Pleurisy - - -	8.9	2	-	-	-	-	2	-	-											
Influenza - -	0.0	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - -	19.2	10	2	4	-	-	2	2	-											
Whooping-cough -	37.0	20	5	15	-	-	-	-	-		Dentition † - -	13.2	11	9	2	-	-	-	-	-											
Diphtheria - -	18.6	37	3	28	6	-	-	-	-		Quinsy, Sore Throat † -	2.4	-	-	1	-	-	-	-	-											
Simple Continued and Ill-defined Fever -	1.9	-	-	-	-	-	-	-	-		Enteritis - - -	12.9	30	19	1	4	1	3	2	-											
Enteric Fever - -	14.6	11	-	2	2	5	2	-	-		Peritonitis - - -	7.3	7	1	-	8	1	2	-	-											
Cholera - -	8.1	2	1	-	-	1	-	-	-		Diseases of Liver - -	31.5	24	2	-	-	1	9	10	2											
Diarrhoea, Dysentery	184.2	109	86	15	1	-	-	4	3		Other Diseases of Digestive System -	31.9	33	10	2	1	5	8	7	-											
Remittent Fever † -	0.3	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - -	1.5	1	-	-	-	1	-	-	-											
Hydrophobia - -	0.2	-	-	-	-	-	-	-	-		Diseases of Urinary System - - -	33.4	26	-	1	2	3	7	11	2											
Glanders - -	0.1	-	-	-	-	-	-	-	-		Diseases of Generative System - - -	6.3	2	-	-	-	-	-	2	-											
Cowpox and Effects of Vaccination † - -	0.0	-	-	-	-	-	-	-	-		Accidents of Childbirth -	4.9	2	-	-	-	2	-	-	-											
Veneral Affections	11.9	10	7	1	-	1	1	-	-		Diseases of Locomotive System † - -	6.5	5	1	2	2	-	-	-	-											
Erysipelas - -	6.0	7	4	-	1	1	-	1	-		Diseases of Integumentary System - - -	4.6	3	2	-	-	-	-	1	-											
Pyæmia and Septicæmia †	3.0	-	-	-	-	-	-	-	-		VIOLENT DEATHS. ‡	-	-	-	-	-	-	-	-	-											
Puerperal Fever - -	5.0	6	-	-	5	1	-	-	-		(ACCIDENT.)	-	-	-	-	-	-	-	-	-											
Other Zymotic Diseases †	1.8	1	-	-	-	1	-	-	-		Fracture and Contusion	19.1	21	-	-	4	6	3	3	2											
Thrush - -	5.1	1	1	-	-	-	-	-	-		Gunshot Wound - -	0.2	-	-	-	-	-	-	-	-											
Worms and other Parasitical Diseases - -	0.4	-	-	-	-	-	-	-	-		Cut, Stab - - -	0.3	-	-	-	-	-	-	-	-											
Starvation, Want of Breast-milk † - -	1.5	3	3	-	-	-	-	-	-		Burn and Scald - -	3.7	7	-	4	-	1	1	1	-											
Alcoholism - -	5.2	8	-	-	-	6	2	-	-		Poison - - -	1.5	1	-	-	-	-	-	-	-											
Rheumatic Fever, Rheumatism of Heart †	6.4	10	-	-	5	2	3	-	-		Drowning - - -	9.4	10	1	-	6	-	2	1	-											
Rheumatism † - -	2.4	2	-	-	1	-	1	-	-		Suffocation - - -	8.3	9	7	-	1	-	-	-	-											
Gout - -	2.8	3	-	-	-	-	2	1	-		Otherwise - - -	4.0	3	1	-	-	-	2	-	-											
Rickets † - -	3.3	4	2	1	-	1	-	-	-		(HOMICIDE.)	-	-	-	-	-	-	-	-	-											
Cancer - -	51.0	56	-	-	6	23	25	2	-		Murder & Manslaughter	1.9	-	-	-	-	-	-	-	-											
Tubercular Mesenterica	47.1	29	26	2	1	-	-	-	-		(SUICIDE.)	-	-	-	-	-	-	-	-	-											
Tubercular Meningitis	27.8	21	11	10	-	-	-	-	-		Gunshot Wound - -	0.4	-	-	-	-	-	-	1	1	-										
Phthisis - -	157.7	139	1	5	14	63	44	12	-		Cut, Stab - - -	1.6	2	-	-	-	-	-	-	-											
Scrofula, Tuberculosis	17.3	15	5	6	2	-	1	1	-		Poison - - -	2.1	-	-	-	-	-	-	-	-											
Other Constitutional Diseases † - -	7.3	8	1	-	-	2	3	2	-		Drowning - - -	0.9	-	-	-	-	-	-	-	-											
Premature Birth - -	36.5	39	39	-	-	-	-	-	-		Hanging - - -	2.2	2	-	-	-	-	1	1	-											
Atelectasis † - -	1.7	1	1	-	-	-	-	-	-		Otherwise - - -	0.4	1	-	-	-	-	-	-	-											
Congenital Malformations -	6.0	5	3	2	-	-	-	-	-		(EXECUTION.)	-	-	-	-	-	-	-	-	-											
Old Age - -	40.8	46	-	-	-	-	27	19	-		Hanging - - -	0.1	-	-	-	-	-	-	-	-											
Apoplexy - -	38.9	41	1	-	-	3	9	24	4		OTHER CAUSES † - -	81.3	53	53	4	1	-	-	1	-											
Epilepsy - -	5.7	5	-	-	-	1	2	2	-																						
Convulsions - -	50.4	37	26	1	-	-	-	-	-																						
Other Diseases of Brain and Nervous System	79.0	58	11	5	5	6	13	17	1																						

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 8. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and from other Zymotic Diseases, during the Week ending

		The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from											Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
LONDON		3,815,704	2358	1240	387	275	-	9	16	37	20	-	11	-	100	56	93	279	8
West Districts		669,693	351	215	53	53	-	-	-	5	3	-	1	-	23	11	13	65	-
North Districts		905,947	518	275	75	65	-	1	10	11	2	-	-	-	13	13	23	63	-
Central Districts		282,238	149	93	22	15	-	1	2	6	1	-	1	-	6	9	10	28	-
East Districts		692,738	483	221	73	49	-	3	1	6	4	-	6	-	20	12	23	62	1
South Districts		1,265,148	857	436	159	93	-	4	3	9	10	-	3	-	48	11	24	63	7
METROPOLITAN ASYLUM FOR FETAL OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Districts.																			
St. Mary Paddington WHH G.J. & W.M.		69888	55	16	5	8	-	-	-	-	-	-	-	-	4	-	-	1	-
St. John Paddington H - G.J.		37330	9	10	3	-	-	-	-	1	-	-	1	-	2	2	2	2	-
Kensington Town Ww - W.M.		120141	52	38	10	10	-	-	-	1	-	-	-	-	3	-	-	17	-
Brompton H - W.M. & C.		43010	18	10	2	3	-	-	-	-	2	-	-	-	-	-	-	1	-
St. Peter Hammersmith - W.M.		7299	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.		64340	44	14	2	3	-	-	-	1	-	-	-	-	2	2	1	2	-
Fulham Ww - W.M. & C.		42900	57	1	9	4	-	-	-	-	-	-	-	-	2	1	2	2	-
Chelsea South HHH - C.		6896	17	16	6	1	-	-	-	-	1	-	-	-	2	4	4	3	-
Chelsea North-west WHHHH C.		24925	9	18	3	6	-	-	-	-	-	-	-	-	3	-	-	10	-
Chelsea North-east - C.		32807	19	12	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - G.J.		30353	4	13	2	7	-	-	-	-	-	-	-	-	2	1	2	9	-
Belgrave WHHH - C.		59220	29	18	5	-	-	-	-	2	-	-	-	-	1	1	2	9	-
St. John Westminster HHH - C.		35498	16	8	3	3	-	-	-	-	-	-	-	-	1	1	1	5	-
St. Margaret Westminster H - C.		24679	6	7	1	2	-	-	-	-	-	-	-	-	2	2	5	5	-
St. James Westminster WHH N.R. & G.J.		29941	6	8	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho HHHHHH - N.R.		18603	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Districts.																			
All Souls Marylebone HHHH - W.M.		26759	9	11	3	1	-	-	-	-	-	-	-	-	-	-	-	2	-
Cavendish Square HHHH - W.M.		14391	9	2	-	1	-	-	-	-	-	-	-	-	1	-	2	3	-
Rectory Marylebone WH G.J. & W.M.		24809	6	11	6	5	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Mary Marylebone HHH G.J. & W.M.		21118	24	7	4	1	-	-	-	-	1	-	-	-	1	-	2	-	-
Christchurch Marylebone HHH - W.M.		33700	11	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H - W.M.		33638	15	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead Ww H N.R. & W.M.		45452	36	16	2	2	-	1	3	2	-	-	-	-	1	2	6	-	-
Regent's Park Pancras H - W.M.		39115	13	5	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	11	9	2	2	-	-	-	-	-	-	-	-	3	2	3	5	-
Gray's Inn Lane HHH - N.R.		30247	12	13	5	1	-	-	-	-	-	-	-	-	1	3	3	5	-
Somers Town H - N.R.		34369	19	6	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Camden Town WH - N.R.		17311	7	8	2	5	-	-	-	-	-	-	-	-	1	2	7	-	-
Kentish Town W - N.R.		87497	49	35	11	8	-	2	1	-	-	-	-	2	1	1	6	-	-
Upper Holloway WWH - N.R.		67946	54	24	7	6	-	-	-	-	-	-	-	-	1	1	2	12	-
Islington South-west HH - N.R.		100976	61	26	10	5	-	1	-	-	-	-	-	-	1	1	1	1	-
Islington South-east - N.R.		61825	40	11	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Highbury H - N.R.		52048	23	13	-	7	-	-	1	1	-	-	-	-	1	-	1	-	-
Stoke Newington H - N.R.		22781	13	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - E.L.		9277	7	4	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
West Hackney H - N.R.		37610	18	9	1	3	-	-	-	-	-	-	-	-	1	1	1	2	-
Hackney Ww W - E.L. & N.R.		76911	55	35	7	7	-	3	5	-	-	-	-	1	1	9	13	-	-
South Hackney - E.L.		39383	21	13	5	1	-	-	2	1	-	-	-	-	1	2	-	-	-
Central Districts.																			
St. George Bloomsbury - N.R.		16681	8	3	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Giles South WH - N.R.		14864	11	5	-	1	-	-	-	-	-	-	-	-	-	-	2	2	-
St. Giles North - N.R.		13837	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17508	6	8	3	3	-	-	-	-	-	-	-	-	2	-	1	4	-
St. Mary-le-Strand H - N.R.		7515	3	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Clement Danes H - N.R.		8559	3	5	2	-	-	-	-	-	-	-	-	-	1	2	1	3	-
Strand Union Workhouse, Edmonton w.		-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo. the Martyr HHHHHH N.R.		18671	11	7	-	-	-	-	-	4	-	-	-	-	-	-	-	1	6
St. Andrew Eastern W - N.R.		10705	2	5	-	1	-	-	1	-	-	-	-	-	-	-	-	2	-
Saffron Hill H - N.R.		6533	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - N.R.		17516	11	7	1	2	-	-	-	1	1	-	-	-	1	1	-	-	-
Arncliffe Clerkenwell - N.R.		19281	7	6	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Pentonville - N.R.		14773	9	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - N.R.		17505	11	8	4	2	-	-	1	-	-	-	-	-	-	2	2	-	-
Old-street H - N.R.		11541	9	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-
City-road HHL - N.R.		18623	25	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - N.R.		9217	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finsbury - N.R.		7453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - N.R. & E.L.		11174	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - N.R.		7193	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - N.R.		5533	1	13	-	2	-	-	-	1	-	-	-	-	1	2	1	9	-
St. Bride W - N.R.		8396	1	4	1	-	-	-	-	-	-	-	-	-	1	1	1	-	-
Allhallows Barking - N.R.		13666	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - N.R.		5652	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies the Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L., East London and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 24th August, 1889.

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death
				Total Deaths.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever	Diarrhoea.	Violence.			
EAST DISTRICTS.																			
Holywell Shoreditch	N.R. & E.L.	7376	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Leonard Shoreditch	HL*	14967	8	3	2	-	-	-	-	-	-	-	-	-	-	-			
Hoxton New Town	-	29937	21	9	-	5	-	-	-	-	-	-	-	-	-	-			
Hoxton Old Town	-	28086	17	7	2	2	-	-	-	-	-	-	-	-	-	-			
Haggerston	WH	46275	33	15	7	4	-	-	-	1	-	-	-	2	12	4			
Hackney-road	H	29738	28	8	2	1	-	-	-	1	-	-	-	1	-	-			
Green, Bethnal Green	WHL*	47932	35	25	6	9	-	-	1	-	-	-	-	1	1	14			
Church, Bethnal Green	-	29981	24	6	2	-	-	1	-	-	1	-	-	-	1	-			
Town, Bethnal Green	-	19810	15	8	6	1	-	-	1	-	-	-	-	2	-	-			
Spitalfields	-	22585	10	7	4	-	-	-	-	-	1	-	-	2	-	-			
Mile End New Town	W	15473	12	8	1	3	-	2	-	-	-	-	-	1	2	-			
Whitechapel Church	H	17490	10	9	1	1	-	-	1	-	1	-	-	2	3	-			
Goodman's Fields	-	9713	4	3	2	1	-	-	-	-	-	-	-	1	-	-			
Alidgate	-	6102	4	2	1	-	-	-	-	-	-	-	-	1	-	-			
St. George's, North	-	38747	29	9	3	3	-	1	-	-	-	-	-	1	2	-			
St. John, St. George East	W	8410	4	4	1	8	-	-	-	-	-	-	-	1	4	-			
Shalwell	HH	10635	6	15	5	-	-	-	-	-	1	-	-	2	1	10			
Ratcliff	-	16107	11	1	1	-	-	-	-	-	-	-	-	1	1	-			
Homehouse	-	32041	28	5	1	-	-	-	-	-	-	-	-	1	1	-			
Mile End Old Town West	-	37960	18	5	2	2	-	-	-	-	-	-	-	1	-	-			
Mile End Old Town East	WHL	67653	47	22	7	6	-	-	2	-	1	-	-	1	1	6			
Bow	-	37074	27	12	5	1	-	-	-	-	-	-	-	-	2	3			
Bromley	WHL	64359	51	26	4	6	-	-	1	1	1	-	-	4	1	10			
Poplar	WHL	56077	33	11	8	1	-	-	-	1	-	-	-	-	1	-			
SOUTH DISTRICTS.																			
Christchurch Southwark	WH	13663	4	7	4	-	-	-	1	-	-	-	-	1	-	-			
St. Saviour Southwark	-	14999	5	3	2	-	-	-	-	1	-	-	-	2	-	-			
Rent-road	-	21381	20	7	1	2	-	-	-	-	-	-	-	-	-	-			
Borough-road	WH	15963	18	6	3	1	-	-	-	-	-	-	-	1	1	-			
London-road	HL	21318	9	6	1	1	-	-	-	1	-	-	-	1	-	-			
Trinity Newington	-	26672	9	4	3	-	-	-	-	-	-	-	-	-	-	-			
St. Peter Walworth	W	59555	50	25	11	3	-	-	1	-	-	-	-	-	2	5			
St. Mary Newington	-	21623	17	6	2	2	-	-	-	-	-	-	-	1	1	-			
St. Olive	WH	11956	10	9	1	3	-	-	-	-	-	-	-	-	1	7			
Leather Market	-	16300	12	6	3	-	-	-	-	-	-	-	-	1	-	-			
St. Mary Magdalen	W	15669	11	8	4	2	-	1	-	-	1	-	-	-	-	2			
St. James Bermondsey	-	54682	35	16	7	1	-	-	-	-	-	-	-	3	1	-			
Northcliffe	WH	36024	26	11	2	5	-	-	-	-	-	-	-	1	2	4			
Waterloo-road 1st	H	15195	8	4	1	1	-	-	-	-	-	-	-	-	1	-			
Waterloo-road 2nd	H	16361	19	5	1	1	-	-	-	-	-	-	-	-	1	3			
Lambeth Church 1st	H	19876	6	19	3	4	-	2	4	1	-	-	-	1	1	10			
Lambeth Church 2nd	WW	39859	21	17	7	3	-	-	-	-	-	-	-	3	-	8			
Kennington 1st	-	45232	29	12	4	4	-	1	-	-	-	-	-	1	-	-			
Kennington 2nd	-	38339	11	10	5	1	-	-	-	-	-	-	-	1	-	-			
Brixton	W	62837	37	13	8	7	-	-	-	-	1	-	-	1	-	-			
Norwood	W	18017	14	5	-	3	-	-	-	-	-	-	-	-	-	-			
East Battersea	-	54675	47	13	4	-	-	-	-	1	-	-	-	2	-	-			
West Battersea	WHL	52587	44	28	14	7	-	1	-	-	-	-	-	5	-	-			
Clapham	H	36380	17	3	-	2	-	-	-	-	1	-	-	1	-	-			
Wandsworth	WHL	28004	30	5	-	2	-	-	-	-	-	-	-	-	-	-			
Putney	-	19235	8	5	1	2	-	-	-	-	-	-	-	-	-	-			
Streatham	-	25535	21	7	2	3	-	-	-	-	-	-	-	-	1	1			
Dulwich	-	5690	1	1	-	1	-	-	-	-	-	-	-	1	-	-			
Camberwell	WHL*	59104	39	24	9	2	-	-	-	2	-	-	-	4	-	-			
Peckham	W	71089	43	50	12	4	-	-	-	-	-	-	-	2	-	-			
St. George Camberwell	-	50810	45	20	8	4	-	1	-	1	-	-	-	1	1	1			
St. Paul Deptford	W	76752	64	59	16	3	-	1	2	1	-	-	-	5	-	1			
St. Nicholas Deptford	-	7901	6	2	1	-	-	-	-	-	-	-	-	-	1	1			
Greenwich West	H	21972	13	7	2	2	-	1	-	-	-	-	-	-	-	-			
Greenwich East	WHL	24608	17	17	6	5	-	-	-	-	-	-	-	3	2	3			
Stamford	H	2048	3	1	1	-	-	-	-	-	-	-	-	-	-	-			
St. Helen	-	21659	7	4	1	1	-	-	-	-	-	-	-	-	-	-			
Stamford	WH	19865	9	6	3	1	-	-	-	-	-	-	-	-	-	2			
Stamford	H	26076	20	5	3	-	-	-	-	-	-	-	-	2	-	-			
Charlton	H	10930	2	2	-	1	-	-	-	-	-	-	-	-	-	-			
Woolwich Dockyard	-	17617	16	7	2	3	-	-	-	-	-	-	-	-	-	-			
Woolwich Arsenal	HH	19048	14	4	2	1	-	-	-	-	-	-	-	-	-	-			
Plumstead, West	H	14009	7	4	1	-	-	-	-	-	-	-	-	-	-	1			
Plumstead, East	W	19241	23	13	4	3	-	-	-	-	-	-	-	4	1	3			
Metropolitan Asylum Hospitals:																			
Bedford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Winchmore Hill	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marylebone Infirmary in Kensington Town sub-district.
General London Sick Asylum in Finsbury Court-road sub-district.
Holloway Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holloway " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-district.
Plumstead West " in Plumstead sub-district.
Plumstead East " in Bromley sub-district.

* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Finsbury Sick Asylum in West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hammersmith, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 24th August, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	783	364	118	85	-	3	5	2	10	2	38	8	18	31	
80:1	Carshalton <i>wL</i>	12228	21118	9	12	1	3	-	-	-	-	1	-	-	-	-	11	
2	Epsom (part of)* <i>WwH</i>	9971	10710	2	3	1	1	-	-	-	-	-	-	1	-	-	-	
37:1	Godstone (part of)*	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHL</i>	20851	101241	64	31	7	10	-	-	-	-	-	-	4	1	1	3	
2	Mitcham <i>w†</i>	11697	17932	11	9	2	3	-	-	-	-	2	-	1	-	2	-	
39:1	Wimbledon <i>HHH</i>	3220	15690	13	7	4	-	-	-	-	-	1	-	2	-	1	-	
2	Kingston <i>WHH</i>	3549	36354	14	9	2	2	-	-	-	-	-	-	2	1	1	-	
3	Esher (part of)*	6601	9221	11	6	1	2	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i>	4573	13599	7	3	-	-	-	-	-	-	1	-	-	-	-	-	
40:1	Richmond <i>WH</i>	2272	21302	13	3	-	1	-	-	1	-	-	-	-	-	1	-	
2	Mortlake	2941	12331	8	6	3	1	-	-	-	-	-	-	1	-	-	-	
41:1	Bromley (pt. of)* <i>HH</i>	15669	31142	20	6	2	1	-	-	-	-	1	-	-	1	1	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15344	14	2	-	1	-	-	-	-	1	-	-	-	-	-	
42:1	Bexley <i>H</i>	18437	24134	17	9	3	2	-	-	-	1	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	
124:1	Sunbury <i>w</i>	11055	11683	4	5	1	3	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i>	13277	12089	10	3	1	1	-	-	-	-	-	-	-	1	1	1	
125:1	Hillingdon <i>WHH</i>	6029	10902	10	8	1	4	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge	6173	3225	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i>	14387	11523	2	2	1	-	-	-	-	-	-	-	1	-	1	-	
126:1	Isleworth <i>WHH</i>	7003	22727	16	11	3	3	-	-	-	-	-	-	-	-	-	2	
2	Twickenham <i>H</i>	2477	12479	8	5	2	-	-	1	1	-	-	-	-	-	-	-	
3	Brentford <i>HL</i>	4345	27449	20	7	-	4	-	-	-	-	-	-	-	-	-	-	
4	Chiswick	1340	15975	15	9	2	1	-	-	-	-	-	-	-	-	1	-	
5	Acton <i>wH</i>	6083	22376	20	9	3	1	-	-	-	1	-	-	3	-	-	-	
127:1	Harrow <i>H</i>	13809	12796	9	4	-	2	-	2	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i>	6994	3749	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden	4383	27453	34	19	10	1	-	-	-	-	-	-	5	-	1	-	
4	Hendon <i>W</i>	8332	10494	8	2	-	-	-	-	-	-	-	-	-	-	-	-	
137:1	Bushey	9931	6621	4	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138:1	South Mimms	15599	6391	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet	5493	10022	5	6	1	2	-	-	-	-	-	-	-	1	1	-	
3	Finchley <i>HL</i>	4688	17615	24	15	2	3	-	-	-	-	-	-	-	-	-	9	
135:1	Hatfield (part of)*	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i>	3039	37078	23	14	5	4	-	-	1	-	-	-	3	-	-	-	
2	Tottenham <i>H</i>	4342	46455	61	15	5	3	-	-	-	-	-	-	4	2	3	1	
3	Edmonton <i>Ww†</i>	7483	23443	23	7	6	-	-	-	-	-	1	1	-	-	-	-	
4	Enfield <i>WH</i>	12053	19104	14	7	1	3	-	-	-	-	1	-	-	-	-	-	
5	Waltham Abbey	11017	3343	2	3	-	2	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt	8490	7731	9	1	-	1	-	-	-	-	-	-	-	-	-	-	
186:1	Stratford	832	33806	34	14	4	3	-	-	-	-	-	-	1	-	1	-	
2	West Ham <i>wowH‡</i>	7351	101053	129	51	24	6	-	-	2	-	1	1	4	1	1	-	
3	Leyton <i>WwL</i>	4372	32430	39	11	4	2	-	-	-	-	-	-	1	-	-	1	
4	Walthamstow <i>H</i>	6520	28969	28	16	5	5	-	-	-	-	-	-	1	-	-	-	
187:1	Chigwell (part of)* <i>H</i>	11761	9839	8	2	2	-	-	-	-	-	-	-	1	-	1	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
189:1	Romford (part of)* <i>W</i>	6730	3411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford	5493	7645	2	3	2	1	-	-	-	-	-	-	-	-	-	-	
3	Barking Town	4127	9293	[9	10	5	2	-	-	-	-	1	-	2	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Asensted and Headley (pop. 1235); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 187:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 2751); 189:1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 187:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th August, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
EATER LONDON	448,334	5,642,015	14.8	2.4	1604	505	360	-	12	21	39	30	13	147	64	310	
INNER LONDON -	77,410	4,351,738	14.9	2.4	1240	387	275	-	9	16	37	20	11	109	56	279	
OUTER RING -	370,924	1,290,277	14.7	2.4	364	118	85	-	3	5	2	10	2	38	8	31	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0.00522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
ALCOOTTA	433,219	July	6	-	223.	26.8	-	-	-	-	-	65	45†
OMBAY	773,196	"	23	-	-	-	-	-	-	-	-	87	64†
MADRAS	398,777	June	21	303	338	44.0	-	23	-	-	-	8	51†
		"	28	296	312	40.6	-	21	-	-	-	61	
ARIS	2,260,945	August	17	1130	928	21.3	2	13	2	18*	10	27	139
RUSSIA (th 8 Faubourgs.)	471,606	"	17	246	186	20.5	-	-	-	-	3	2	37
AMSTERDAM	403,083	"	17	280	142	18.6	-	1	-	6	2	1	-
ROTTERDAM	197,723	"	17	140	71	18.6	-	3	-	-	-	-	1
THE HAGUE	153,440	"	17	123	73	24.7	-	-	-	-	-	-	2
COPENHAGEN	307,000	"	10	274	128	21.4	-	1	-	5	5	1	21
STOCKHOLM	228,218	"	17	186	145	24.6	-	1	1	7	3	3	22
CHRISTIANIA	138,300	"	10	125	78	17.8	-	-	1	3*	-	1	18
		"	17	64	70	26.3	-	-	-	6	6	-	13
S. PETERSBURG	842,883	"	10	-	531	33.1	-	20	12	4	5	30	133
BERLIN	1,489,672	"	3	871	593	20.7	-	2	3	11	4	4	166
HAMBURG (State)	675,276	"	10	423	255	23.1	-	1	2	8*	2	5	50
BRESLEN	264,196	"	10	165	147	28.9	-	-	-	7*	-	2	39
BRESLAU	315,000	"	17	205	163	27.0	-	2	1	5*	-	-	31
MUNICH	281,000	"	10	201	230	42.6	-	1	-	5*	1	-	94
VIENNA	811,434	"	10	497	396	19.6	-	5	-	3	2	1	68
PRAGUE	304,355	"	10	-	131	22.5	2	1	2	1	-	1	8
BUDA-PESTH	452,907	"	10	326	261	30.0	-	-	2	13	1	15	56
TRIESTE	158,084	"	10	-	71	23.4	-	-	-	2*	-	-	12
ROME	404,449	June	29	234	173	22.3	1	5	-	3	1	7†	21
TURIN (10 days)	306,398	July	20	209	257	30.6	-	20	-	3	5	-	59
VENICE	153,375	August	3	81	78	26.5	3	1	1	-	-	1	16
CAIRO	374,338	July	25	394	484	67.4	5	6	-	3*	3	30	193
ALEXANDRIA	231,396	"	25	156	109	44.9	2	-	-	1	1	16	56
NEW YORK	1,571,300	August	3	-	850	28.2	-	1	2	22	14	13	190
BROOKLYN	814,505	"	3	-	399	25.0	-	2	3	15	8	5	74
PHILADELPHIA	1,040,245	"	3	-	442	22.2	-	-	3	4	5	17	67
BALTIMORE	500,343	"	3	-	203	21.2	-	-	-	1	1	4	48

* Including deaths from croup.

† Including 24 deaths from cholera in Calcutta, and 5 and 1 respectively in Madras.

‡ Including 6 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, AUGUST 24TH, 1885.
[Under the Superintendence of the Astronomer Royal.]

1889.			TEMPERATURE.										TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected in a Gauge whose surface is receiving the fall of the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MONTH AND DAY.			Phases of the Moon.		HANO-METER.		TEMPERATURE.				Difference between the Air Temperature and Dew Point Temperature.				Of Radiation.		Of the Water of the Thames at Deptford.		General Direction.				Osler's.				Pressure on the Square Foot.				Robinson's.		Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					Mean daily rising and re-cted (cor-rected and re-duced to Fahrenheit).		Of the Air.		Of the Dew Point.		Mean Great-est.		Least.		Degree of Humi-dity (Satu-ration 100).		High-est in Sun's Rays.		Low-est in Grass.		High-est.		Low-est.		A.M.		P.M.		Great-est.		Least.		Mean of 24 hours.		Horizontal Movement of the Air on each Day.		Drops of Average of the 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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SUN.	18	Last Qr.	29.820		74.3	49.1	25.2	60.6	-1.2	50.7	9.9	21.9	0.0	70	136.9	41.0

The height of the spigot, the barometers 159 feet above the mean level of the sea; no correction has been applied to the readings to allow for sea level.

Observations are usually taken at 9h, A.M.; noon; 3h, P.M.; and 9h, P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are referred to mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.74 in. at the beginning of the week to 29.85 in. by 10h, A.M. on the 18th; decreased to 29.10 in. by 9h, A.M. on the 20th; increased to 29.48 in. by 3h, P.M. on the same day; decreased to 29.10 in. by 9h, P.M. on the 21st; increased to 29.80 in. by noon on the 22nd; decreased to 29.66 in. by 5h, P.M. on the 23d; and was 29.74 in. on the 24th.

DATE. AUGUST.	ELECTRICITY. (Far revolution of symbols, see Note.)	Registered Sun Above Horizon, in hours.	GENERAL REMARKS.
SUNDAY 18		8 2	Fine; variable amounts of cloud till evening; cloudless at night.
MONDAY 19		0 4	Generally overcast. Showery.
TUESDAY 20		2 4	Heavy showers in morning; fine but cloudy during day. Strong gusty wind.
WEDNESDAY 21	The electrometer was not in action throughout the week.	2 7	Variable; showery. Windy.
THURSDAY 22		4 3	Fine generally. Showery in afternoon.
FRIDAY 23		5 7	Fine; partially cloudy.
SATURDAY 24		2 5	Generally cloudy. Showery in morning. Thunderstorm in afternoon.
		Sum 26 2	
		Sum 99 4	
No. of Col.	23	29	30

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 35. 1889. VOL. L.] WEEK ENDING SATURDAY, AUGUST 31. [Price 1½d.

General Register Office, Somerset House,
2nd September, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·9 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.		Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.
Birkenhead	20·9	21·9	18·8	20·9	Liverpool - -	19·2	18·3	19·0	19·7
Birmingham	18·7	23·4	15·9	15·0	London - -	16·4	16·6	14·9	15·1
Blackburn -	21·9	25·0	18·1	23·2	Manchester -	24·5	23·0	24·4	23·4
Bolton -	22·7	23·2	15·0	16·8	Newcastle-on-Tyne*	30·8	27·9	29·2	25·6
Bradford*	19·5	18·4	12·4	20·4	Norwich - -	18·8	21·5	14·9	14·9
Brighton -	18·0	18·0	11·1	13·7	Nottingham -	18·0	16·2	15·4	14·7
Bristol -	15·7	15·9	20·5	16·4	Oldham - -	13·9	17·2	14·7	13·2
Cardiff*	24·5	18·1	25·5	13·9	Plymouth - -	31·4	26·7	34·0	24·0
Derby -	14·3	9·0	14·3	9·0	Portsmouth -	18·5	20·7	21·1	15·1
Halifax -	16·7	22·5	16·7	17·4	Preston - -	34·6	42·6	26·5	24·5
Huddersfield	19·1	16·9	14·6	14·6	Salford* - -	16·9	18·7	19·4	18·0
Hull - -	21·6	28·1	23·6	21·3	Sheffield - -	23·9	22·6	21·5	18·2
Leeds -	20·3	22·8	15·8	17·8	Sunderland -	28·4	29·5	23·3	22·6
Leicester*	20·5	18·0	18·0	9·7	Wolverhampton -	18·3	22·1	20·2	29·7

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 2·4 in Bradford and 2·5 in Preston; from *scarlet fever*, 7·3 in Plymouth; from *whooping-cough*, 1·9 in Wolverhampton and 2·0 in Birkenhead; from "*fever*," 1·0 in Preston and 1·3 in Wolverhampton; and from *diarrhœa*, 4·0 in Preston, 4·3 in Hull and in Blackburn, 5·1 in Wolverhampton, and 5·8 in Sunderland. The 52 deaths from *diphtheria* included 32 in London, 4 in Manchester, 3 in Salford, 2 in Blackburn, and 2 in Sheffield. No death from *small-pox* was recorded in any of the twenty-eight great towns.

LONDON.

In LONDON 2425 BIRTHS and 1263 DEATHS were registered. Allowing for increase of population, the births were 229, and the deaths 220, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6 and 14·9 in the two preceding weeks, was last week 15·1. During the first nine weeks of the current quarter the mean death-rate was 17·1 per 1000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1263 deaths included 12 from measles, 17 from scarlet fever, 32 from diphtheria, 21 from whooping-cough, 12 from enteric fever, 78 from diarrhœa and

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

dysentery, 1 from choleraic diarrhoea, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 173 deaths were referred to these diseases, being 140 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; and no case of this disease was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 18 and 9 in the two previous weeks, rose again last week to 12, but were 25 below the corrected average; 3 belonged to Chelsea sanitary area. The fatal cases of *scarlet fever*, which had been 13 and 16 in the two preceding weeks, further rose last week to 17, which were, however, 19 below the corrected average; 3 belonged to Kensington, 2 to Fulham, and 3 to St. George Southwark sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 966 scarlet fever patients on Saturday last, against numbers increasing from 559 to 871 in the nine preceding weeks; 136 cases were admitted to these hospitals during the week, against 124, 98, 90, and 98 in the four preceding weeks. The deaths from *diphtheria*, which had been 36 and 37 in the two preceding weeks, declined last week to 32 (of which 15 occurred in hospitals), and exceeded the corrected average by 15; 2 belonged to Marylebone, 2 to Islington, 3 to Bethnal Green, 2 to Stepney, 2 to Mile End Old Town, 2 to Poplar, 2 to Bermondsey, 5 (including 2 at 30, Dulwich Road) to Lambeth, 2 to Battersea, and 2 to Greenwich sanitary areas. The 21 deaths from *whooping-cough* showed a further slight increase upon the low numbers in recent weeks, but were 9 below the corrected average; 3 belonged to Marylebone, 3 to Islington, and 3 to Wandsworth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had declined in the six preceding weeks from 273 to 169, further fell last week to 78, and were 83 below the corrected average; 59 were of infants under one year of age, and 14 of children aged between one and five years. The death of an infant, aged five months, in Battersea, was referred to choleraic diarrhoea.

The deaths referred to *enteric fever*, which had been 8 and 11 in the two previous weeks, further rose last week to 12, but were 3 below the corrected average; 4 belonged to Islington sanitary area. The Metropolitan Asylum Hospitals contained 70 cases of enteric fever and one of typhus on Saturday last; 13 cases of enteric fever were admitted during the week, against 11 and 6 in the two preceding weeks.

The death of a labourer, aged 51 years, in Guy's Hospital, on the 21st ultimo, was the subject of an inquest, the verdict being "anthrax, deceased being poisoned" by some insect imported in a hide, 6 days, post mortem."

The deaths referred to diseases of the respiratory organs, which had been 162 and 115 in the two previous weeks, rose again last week to 148, but were 22 below the corrected average.

Different forms of violence caused 51 deaths, on all of which inquests were held. Of these 51 deaths, 5 were cases of suicide and 3 of infanticide, while the remaining 43 were attributed to negligence or accident. Eight of these 43 deaths were caused by vehicles in the streets, 4 by burns and scalds, 10 by drowning, and 8 of infants under one year of age by suffocation.

GREATER LONDON.

In Greater London 3268 births and 1600 deaths were registered, corresponding to annual rates of 30·2 and 14·8 per 1000 of the estimated population. In the Outer Ring 31 deaths from diarrhoea, 9 from whooping-cough, and 8 from diphtheria were registered. Of the 31 deaths from diarrhoea, 8 occurred in West Ham, 4 in Bromley (Kent), and 3 in Stratford registration sub-districts. Two fatal cases of whooping-cough were recorded in Bexley sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·95 ins.; the lowest reading was 29·67 ins. at the beginning of the week, and the highest 30·08 ins. at noon on Tuesday. The mean temperature of the *air* was 60°·2, and 0°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first four days of the week, but showed an excess on Thursday, Friday, and Saturday. The general direction of the *wind* was S.W., and the horizontal movement of the *air* averaged 8·2 miles per hour, which was 1·9 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright *sunshine* in the week was 53·9 hours, against 55·0 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 31st August, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 31st Aug., 1889.		The Deaths registered in the Week include										Annual Rate corresponding to the Week'sDeaths				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.	
		BIRTHS.	DEATHS.	Deaths of Persons aged 1 Year of Age.	Infants under 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	From All Causes.		From Diseases in Cols. 6-12.		Mean.		In Inches.		In Centi- metres.
																	Highest.	Lowest.	Fahrenheit.	Fahrenheit.	Centigrade.				
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS.*	9,555,406	5659	3091	929	607	-	48	51	52	60	36	296	122	209	562	61	16-9	3-0	84-2	42-0	56-7	13-72	0-15	0-38	- 28 TOWNS.
LONDON	4,351,738	2425	1263	331	288	-	12	17	32	21	12	78	51	93	335	12	15-1	2-1	84-2	44-1	60-2	15-07	0-00	0-00	LONDON.
BRIGHTON	121,807	53	32	8	7	-	-	-	-	-	-	4	1	1	10	1	13-7	1-7	73-4	47-6	57-8	14-33	0-00	0-00	BRIGHTON.
PORTSMOUTH	141,253	79	41	14	8	-	-	-	1	-	-	2	-	3	2	-	15-1	1-1	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	94,510	63	27	12	5	-	-	-	1	1	1	-	-	-	2	-	14-9	2-2	-	-	-	-	-	-	NORWICH.
PLYMOUTH	78,225	50	36	9	6	-	-	-	1	1	1	6	5	7	13	-	24-0	10-0	74-0	46-4	57-6	14-22	0-13	0-33	PLYMOUTH.
BRISTOL	229,351	136	72	22	18	-	-	-	-	1	-	8	3	5	13	-	16-4	1-6	76-5	46-0	57-0	13-89	0-07	0-18	BRISTOL.
WOLVERHAMPTON	82,544	46	47	13	11	-	1	-	1	3	2	8	3	5	13	-	29-7	9-5	74-3	42-3	55-2	12-89	0-02	0-05	WOLVERHAMPTON.
BIRMINGHAM	454,835	258	131	49	17	-	2	5	1	4	-	16	7	14	18	5	15-0	3-2	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER*	150,520	82	28	10	5	-	-	-	1	-	2	4	1	2	5	1	9-7	2-4	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	128	67	28	15	-	-	-	-	-	-	9	1	2	7	1	14-7	2-4	75-2	42-2	55-3	12-94	0-11	0-28	NOTTINGHAM.
DERBY	98,529	60	17	3	3	-	-	-	-	-	-	4	4	4	1	-	9-0	0-0	-	-	-	-	-	-	DERBY.
BIRKENHEAD	102,511	71	41	11	12	-	-	-	-	4	1	4	2	3	2	-	20-9	4-6	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	365	229	77	31	-	1	5	1	3	2	30	12	14	33	13	19-7	3-6	69-1	50-7	56-9	13-83	0-02	0-05	LIVERPOOL.
BOLTON	114,670	86	37	13	4	-	1	-	1	1	-	5	1	4	2	2	16-8	3-6	-	-	-	-	-	-	BOLTON.
MANCHESTER	378,800	263	170	56	26	-	3	2	4	4	2	22	7	13	34	3	23-4	5-1	-	-	-	-	-	-	MANCHESTER.
SALFORD*	234,233	129	81	25	12	-	-	4	3	-	2	6	1	4	12	1	18-0	3-3	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	77	36	7	8	-	1	-	-	-	-	1	1	-	5	1	13-2	1-5	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	84	54	24	10	-	1	-	2	-	2	10	-	-	7	2	23-2	6-5	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	101	49	19	10	-	5	-	1	-	2	8	1	3	2	2	24-5	7-5	-	-	-	-	-	-	PRESTON.
HUDDERSFIELD	92,825	46	26	10	4	-	-	-	-	-	-	4	-	-	4	1	14-6	2-2	-	-	-	-	-	-	HUDDERSFIELD.
HALIFAX	81,080	51	27	10	7	-	1	-	-	-	-	-	-	1	3	2	17-4	0-6	-	-	-	-	-	-	HALIFAX.
BRADFORD	235,056	108	92	22	18	-	11	2	-	4	3	5	2	4	14	1	20-4	5-5	70-2	45-0	54-9	12-72	0-55	1-40	BRADFORD.
LEEDS	357,449	232	122	39	25	-	5	-	-	2	13	2	6	4	6	4	17-8	2-9	-	-	-	-	-	-	LEEDS.
SHEFFIELD	927,227	208	114	26	21	-	2	1	2	2	-	18	4	4	11	4	18-2	4-0	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	134	85	40	9	-	-	-	2	4	-	17	3	3	6	2	21-3	5-8	77-0	42-0	55-3	12-94	0-07	0-18	HULL.
SUNDERLAND	134,163	92	58	15	11	-	1	-	-	2	-	15	3	6	4	-	22-6	7-0	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE.	140,988	140	79	22	10	-	2	1	1	1	1	4	8	4	7	3	25-6	2-9	70-0	32-0	56-9	13-83	0-48	1-22	NEWCASTLE.
CARDIFF*	112,712	92	30	14	6	-	-	-	-	2	1	3	3	5	2	-	13-9	3-2	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	143	83	18	14	-	-	3	-	-	2	4	5	?	21	19	10-2	1-8	70-2	40-0	56-1	13-39	0-68	1-73	EDINBURGH.
GLASGOW	528,144	371	195	48	26	-	-	1	5	11	2	14	10	9	27	14	19-3	3-6	61-1	40-0	55-3	12-94	0-98	2-49	GLASGOW.
DUBLIN	363,082	185	180	58	38	-	-	-	-	1	6	26	9	8	47	23	26-6	4-9	68-5	40-0	57-0	13-89	0-02	0-05	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-FIFTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2502	2403	2358	2496	2448	2460	2538	2332	2297	2508	2654.4	2425
Males . .	1296	1220	1185	1284	1249	1211	1307	1212	1177	1255	1351.7	1240
Females .	1206	1183	1173	1212	1199	1249	1231	1120	1120	1253	1302.7	1185
TOTAL Deaths	1391	1460	1190	1473	1292	1542	1238	1328	1339	1342	1482.5	1293
Males . .	718	766	632	736	693	815	663	684	710	683	774.2	660
Females .	673	694	558	737	599	727	575	644	629	659	708.3	603

The numbers in this column are the average weekly numbers in the thirty-fifth weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	
TOTAL Births	- -	2523	2396	2636	2467	2507	2306	2627	2376	2481	2180	2715	2358	2425	
TOTAL Deaths	- -	1306	1247	1243	1265	1350	1605	1556	1553	1532	1366	1332	1240	1263	
Ages at	{														
	0-20 years	-	601	564	575	572	722	902	908	893	850	739	727	628	569
	20-40 "	-	186	173	180	179	168	151	164	166	161	139	160	140	172
	40-60 "	-	245	227	218	232	221	232	197	223	209	222	202	197	234
Death	60-80 "	-	234	236	225	229	205	257	245	212	261	216	235	223	241
	at 80 years & upwds.	-	40	47	45	53	34	63	42	49	51	50	58	52	47
"	{														
	Under 1 year	-	306	293	281	315	429	617	631	599	555	468	447	387	331
	1-5	-	205	184	203	189	208	196	197	216	193	195	195	163	156
	5-20	-	90	87	91	68	85	89	80	83	102	76	85	78	82
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" "	Measles	-	39	32	23	33	31	30	29	20	25	15	18	9	12
" "	Scarlet fever	-	12	11	17	10	9	9	12	6	11	16	13	16	17
" "	Diphtheria	-	34	26	27	13	38	25	23	44	45	28	36	37	32
" "	Whooping-cough	-	26	37	27	27	32	26	29	19	22	19	17	20	21
" "	Typhus	-	-	-	-	-	-	-	-	-	2	-	-	-	-
" "	Enteric fever	-	3	8	7	8	8	7	8	8	6	8	11	12	-
" "	SimpleCont ^d fever	-	4	2	-	1	-	2	-	1	-	-	-	-	-
" "	Diarrhoea and	-	19	34	40	57	155	258	273	271	199	175	158	109	73
" "	Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" "	Cholera	-	1	-	-	-	5	10	10	10	4	4	4	2	1
" "	all the above-mentioned Diseases	-	138	150	141	149	278	368	383	379	314	266	254	204	173
" "	Dis. of Respiratory System	-	205	169	171	169	143	158	141	160	182	149	162	115	148
" "	Phthisis	-	174	162	155	187	138	127	136	150	126	128	135	139	149
" "	Dis. of Circulatory System	-	97	106	123	99	94	117	102	91	110	93	111	104	93
Violent Deaths	- -	58	48	53	39	51	83	43	60	70	65	49	56	51	
Inquest Cases	- -	91	109	105	90	90	129	83	113	115	114	108	93	93	
Deaths in Public Institutions	- -	323	290	324	314	280	356	348	314	325	320	319	279	335	
TEMPERATURE OF THE AIR															
Mean	-	64.3	56.8	59.6	64.1	63.3	63.0	58.7	58.1	64.9	60.4	59.3	57.8	60.2	
Mean of Highest readings	-	77.2	64.0	72.4	77.1	74.6	72.9	69.9	67.7	76.2	72.8	69.7	68.1	73.0	
Mean of Lowest readings	-	53.4	51.7	49.7	52.1	53.7	56.2	51.3	51.9	55.3	52.0	52.5	51.1	43.5	
Humidity of the Air	- -	73	89	76	71	71	80	80	82	76	80	82	80	74	
Rain-fall in inches	- -	0.31	1.73	0.60	0.02	0.00	0.72	0.43	0.90	0.20	0.46	0.19	0.93	0.00	
Registered Sunshine (in hours)	- -	50.1	3.3	65.3	54.1	51.3	23.0	23.1	26.5	36.5	46.0	26.8	26.2	53.9	

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 35th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 31st August 1889.								CAUSES OF DEATH.	Corrected Averages for the 35th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 31st August 1889.							
		Deaths of Persons of the Ages										Deaths of Persons of the Ages							
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.
			0-1.	1-5.	5-20.								0-1.	1-5.	5-20.				
ALL CAUSES - -	1482.5	1263	331	156	82	172	234	241	47	Diseases of Organs of Special Sense † - -	1.1	2	-	-	1	1	-	-	-
Small-pox { Vaccinated † - -	6.5	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	92.8	93	-	-	5	19	28	32	-
Unvaccinated - - -		-	-	-	-	-	-	-	-	Croup - - -	9.9	1	-	1	-	-	-	-	-
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - -	83.8	80	22	13	1	-	10	28	6
Measles - - -	37.1	12	3	9	-	-	-	-	-	Pneumonia - - -	51.8	44	10	13	3	5	7	6	-
Scarlet Fever - - -	36.3	17	3	12	2	-	-	-	-	Pleurisy - - -	4.4	6	-	1	-	4	1	-	-
Typhus - - -	1.3	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	19.8	17	1	7	1	1	6	1	-
Relapsing Fever † - -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	10.5	3	2	1	-	-	-	-	-
Influenza - - -	0.0	-	-	-	-	-	-	-	-	Quinsy, Sore Throat † - -	2.7	-	-	1	-	-	-	-	-
Whooping-cough - -	39.4	21	5	15	1	-	-	-	-	Enteritis - - -	12.0	20	9	3	-	1	2	4	1
Diphtheria - - -	16.8	32	4	16	10	2	-	-	-	Peritonitis - - -	7.5	6	-	1	2	1	2	-	-
Simple Continued and Ill-defined Fever - -	1.7	-	-	-	-	-	-	-	-	Diseases of Liver - - -	29.2	28	4	-	1	1	13	9	1
Enteric Fever - - -	14.6	12	-	1	1	4	5	1	-	Other Diseases of Digestive System - -	30.2	35	4	4	2	4	12	7	2
Cholera - - -	7.0	1	1	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	1.2	3	-	-	1	1	-	1	-
Diarrhoea, Dysentery -	160.9	78	59	14	-	2	-	3	-	Diseases of Urinary System - - -	36.3	37	-	-	-	1	14	20	2
Remittent Fever † - -	0.5	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	4.9	10	-	-	-	3	5	2	-
Hydrophobia - - -	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	5.4	5	-	-	-	5	-	-	-
Glanders - - -	0.1	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	6.5	6	-	-	4	1	1	-	-
Cowpox and Effects of Vaccination † - -	0.2	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - -	5.2	3	2	-	-	-	-	-	1
Venereal Affections -	11.9	15	10	-	-	2	1	2	-	VIOLENT DEATHS. ‡									
Erysipelas - - -	5.9	5	-	-	-	1	2	2	-	(ACCIDENT.)									
Pysmia and Septicæmia †	1.8	2	-	-	-	-	-	2	-	Fracture and Contusion	20.1	16	3	1	1	4	5	1	1
Puerperal Fever - - -	5.2	4	-	-	4	-	-	-	-	Gunshot Wound - - -	0.2	1	-	-	-	-	1	-	-
Other Zymotic Diseases †	1.2	2	-	-	-	1	1	-	-	Cut, Stab - - -	0.3	-	-	-	-	-	-	-	-
Thrush - - -	5.2	2	2	-	-	-	-	-	-	Burn and Scald - - -	3.7	4	-	1	-	1	1	1	-
Worms and other Parasitical Diseases - -	0.3	1	-	-	-	1	-	-	-	Poison - - -	1.3	-	-	-	-	-	-	-	-
Starvation, Want of Breast-milk † - -	3.3	1	1	-	-	-	-	-	-	Drowning - - -	8.6	10	-	3	2	2	2	1	-
Alcoholism - - -	5.1	8	-	-	-	5	3	-	-	Suffocation - - -	8.8	9	8	1	-	-	-	-	-
Rheumatic Fever, Rheumatism of Heart †	7.8	4	-	-	-	2	1	1	-	Otherwise - - -	3.1	3	-	1	1	-	1	-	-
Rheumatism † - - -	3.4	2	-	-	-	-	-	2	-	(HOMICIDE.)									
Gout - - -	3.8	2	-	-	-	-	1	1	-	Murder & Manslaughter	0.5	3	3	-	-	-	-	-	-
Rickets † - - -	2.3	5	3	1	1	-	-	-	-	(SUICIDE.)									
Cancer - - -	50.7	69	-	-	-	7	23	39	-	Gunshot Wound - - -	0.5	-	-	-	-	-	-	-	-
Tubes Mesenterica - -	41.3	35	20	9	5	1	-	-	-	Cut, Stab - - -	0.8	1	-	-	-	-	1	-	-
Tubercular Meningitis -	23.7	21	11	4	5	1	-	-	-	Poison - - -	1.9	2	-	-	-	2	-	-	-
Phthisis - - -	157.1	149	2	1	18	75	44	9	-	Drowning - - -	1.1	1	-	-	-	-	1	-	-
Scrofula, Tuberculosis -	19.6	21	9	3	4	3	2	-	-	Hanging - - -	1.7	-	-	-	-	-	-	-	-
Other Constitutional Diseases † - -	9.3	6	1	1	-	2	2	-	-	Otherwise - - -	1.0	1	-	-	-	1	-	-	-
Premature Birth - - -	36.4	43	43	-	-	-	-	-	-	(EXECUTION.)									
Atelecæsis † - - -	3.8	-	-	-	-	-	-	-	-	Hanging - - -	0.1	-	-	-	-	-	-	-	-
Congenital Malformations - -	6.0	7	7	-	-	-	-	-	-	OTHER CAUSES † - -	77.6	51	44	4	-	-	1	2	-
Old Age - - -	43.7	43	-	-	-	-	1	22	20										
Apoplexy - - -	34.7	33	1	-	1	-	15	20	1										
Epilepsy - - -	7.4	3	-	-	-	-	3	-	-										
Convulsions - - -	49.2	27	25	2	-	-	-	-	-										
Other Diseases of Brain and Nervous System	75.8	73	9	13	8	3	16	21	3										

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 3. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

		The DEATHS registered in the Week include																	
REGISTRATION		Enu- mer- ated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from												
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes
LONDON		3,815,704	2425	1263	331	288	-	12	17	32	21	-	12	-	78	51	93	335	12
WEST DISTRICTS		669,693	384	230	59	61	-	6	8	3	1	-	3	-	10	7	12	74	1
NORTH DISTRICTS		905,947	536	277	70	62	-	-	4	8	8	-	6	-	21	9	19	65	-
CENTRAL DISTRICTS		232,238	125	74	21	11	-	-	1	3	2	-	1	-	5	1	5	25	-
EAST DISTRICTS		692,788	462	232	68	54	-	1	1	5	2	-	1	-	14	12	20	78	2
SOUTH DISTRICTS		1,965,148	918	450	123	100	-	5	3	13	8	-	1	-	28	22	37	93	9
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.		69888	42	25	9	4	-	-	-	-	1	-	-	-	3	2	2	6	-
St. John Paddington H - - G.J.		37580	8	8	1	3	-	-	-	-	-	-	-	-	-	1	2	9	-
Kensington Town Ww - - W.M.		120141	48	36	12	10	-	1	1	1	-	-	1	-	-	-	1	2	-
Brompton H - - W.M. & C.		48010	11	8	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Peter Hammersmith - - W.M.		7599	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.		64340	51	26	8	4	-	-	-	-	-	-	1	-	2	1	2	3	-
Fulham Ww - - W.M. & C.		42900	76	33	10	5	-	2	7	-	-	-	-	-	-	-	-	-	-
Chelsea South HHH - - C.		6896	17	15	9	3	-	-	-	-	1	-	-	-	4	-	1	3	-
Chelsea North-west WHHHHH - C.		24925	19	10	-	5	-	-	-	-	-	-	-	-	-	-	1	9	-
Chelsea North-east - - C.		32807	21	10	1	2	-	8	-	-	-	-	-	-	-	-	-	-	-
May Fair WW - - G.J.		80353	4	16	-	14	-	-	-	-	-	-	-	-	-	1	1	12	-
Belgrave WHHH - - C.		59220	29	18	2	4	-	-	-	1	-	-	1	-	2	2	1	5	-
St. John Westminster HHH - C.		35496	22	8	5	2	-	-	-	-	-	-	-	-	-	-	-	1	-
St. Margaret Westminster H - C.		24679	7	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Westminster WHH N.R. & G.J.		28941	8	5	-	1	-	-	-	-	-	-	-	-	1	-	-	2	-
St. Anne Soho HHHHHH - N.R.		16608	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.		26759	11	15	2	1	-	-	-	-	1	-	-	-	-	2	2	7	-
Cavendish Square HHHH - W.M.		14891	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Rectory Marylebone WH G.J. & W.M.		24809	8	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Marylebone HHH G.J. & W.M.		21118	21	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.		38700	8	9	1	-	-	-	-	2	2	-	-	-	-	-	-	-	-
St. John Marylebone H - - W.M.		33638	17	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead Ww - - N.R. & W.M.		45452	23	8	2	8	-	-	-	1	-	-	-	-	-	-	-	3	-
Regent's Park Pancras H - - W.M.		89115	14	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	12	19	3	4	-	-	-	-	-	-	-	-	-	2	12	-	-
Gray's Inn Lane HHH - - N.R.		30247	20	8	2	2	-	-	-	-	-	-	-	-	-	-	-	3	-
Somers Town H - - N.R.		84369	22	17	9	2	-	-	-	1	-	1	5	1	2	7	2	-	-
Camden Town WH - - N.R.		17811	15	9	2	5	-	-	-	-	-	-	2	2	1	1	4	-	-
Kentish Town W - - N.R.		87487	59	17	2	3	-	1	-	1	-	-	-	-	1	1	1	4	-
Upper Holloway WWWH - - N.R.		67946	54	41	4	14	-	-	-	-	-	3	1	1	1	3	16	-	-
Islington South-west HH - - N.R.		100976	49	28	9	9	-	-	1	1	-	1	3	2	4	-	-	-	-
Islington South-east - - N.R.		61825	38	12	6	2	-	-	-	1	-	-	2	2	1	1	-	-	-
Highbury H - - N.R.		82048	38	10	4	-	-	-	1	1	-	-	-	-	2	1	1	-	-
Stoke Newington H - - N.R.		22781	12	7	3	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Stamford Hill - - E.L.		9277	6	2	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.		87610	20	10	3	3	-	-	1	-	-	-	1	-	1	-	3	-	-
Hackney WwWH - - E.L. & N.R.		76911	60	30	4	4	-	-	2	3	-	-	-	-	-	1	1	12	-
South Hackney - - E.L.		39883	29	12	7	1	-	-	-	-	-	-	-	-	3	-	-	-	-
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.		16681	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.R.		14864	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Giles North - - N.R.		13887	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17509	9	11	3	3	-	-	-	1	-	-	-	-	1	-	1	3	-
St. Mary-le-Strand H - - N.R.		7515	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes H - - N.R.		8559	3	5	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Strand Union Workhouse, Edmonton w.		-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo.-the-Martyr HHHHHH N.R.		18671	10	12	2	1	-	-	-	1	-	-	-	-	1	-	-	7	-
St. Andrew Eastern W - - N.R.		10706	3	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Saffron Hill H - - N.R.		6538	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James Clerkenwell - - N.R.		17516	8	5	3	-	-	-	-	-	-	1	-	-	1	-	-	-	-
Amwell Clerkenwell - - N.R.		19281	7	4	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Pentonville - - N.R.		14773	5	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-
Goswell-street - - N.R.		17506	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old-street H - - N.R.		11541	10	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
City-road HHL - - N.R.		18628	16	3	2	-	-	-	-	-	-	-	-	-	-	1	2	1	-
Whitecross-street - - N.R.		9217	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flutebury - - N.R.		7463	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R. & E.L.		11174	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - N.R.		7193	1	2	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-
St. Sepulchre H - - N.R.		5358	1	9	1	1	-	-	-	-	2	-	-	-	-	-	-	8	-
St. Bride W - - N.R.		8398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Albion Barking - - N.R.		13666	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.		5652	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London and K. the Kent Company.

[illegible]

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hock-
" " " Mile End Old Town Eastern sub-dist.	ing, Islington, Finsbury, and St. Paul, Bedford sub-districts, and in Dartford,
London City " " Mile End Old Town Eastern sub-dist.	Edmonton, and West Ham sub-districts outside Registration London.
" " " Mile End Old Town Eastern sub-dist.	

* Private Lunatic Asylums in which patients are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 31st August, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include														Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes
						Deaths of		Deaths from														
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.							
LONDON—OUTER RING		370,924	950,957	843	337	118	60	-	3	5	8	9	4	31	14	23	40					
30:1	Carehaston <i>W</i> L	-	12228	21118	18	7	4	-	-	-	-	1	1	-	-	-	-	-	-	-		
2	Epsom (part of)* <i>W</i> <i>W</i> ^H	-	9971	10710	7	4	2	-	-	-	1	-	-	-	1	-	-	-	-	-		
37:1	Godstone (part of)*	-	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
38:1	Croydon <i>W</i> <i>W</i> ^H L	-	20851	101241	68	23	13	7	-	-	-	-	1	-	-	1	2	8	-	-		
2	Mitcham <i>W</i> †	-	11697	17392	19	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-		
39:1	Wimbledon <i>H</i> H ^H	-	3220	15950	11	4	3	-	-	-	-	-	-	-	1	-	-	-	-	-		
2	Kingston <i>W</i> H ^H	-	8549	36354	24	10	1	2	-	-	-	-	-	-	-	1	1	2	-	-		
3	Esher (part of)*	-	6601	9221	4	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-		
4	Hampton <i>H</i>	-	4573	13539	10	3	3	-	-	-	-	-	-	-	-	1	1	-	-	-		
40:1	Richmond <i>W</i> H	-	2272	21302	14	3	-	1	-	-	-	-	-	-	-	-	-	3	-	-		
2	Mortlake	-	2241	12331	12	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
41:1	Bromley (pt. of)* <i>H</i> H	-	15689	31142	25	14	3	3	-	-	-	1	-	-	4	2	2	1	-	-		
2	Chislehurst (pt. of)* <i>W</i> H ^H	-	14907	15844	13	7	3	1	-	-	1	-	-	-	-	-	-	4	-	-		
42:1	Bexley <i>H</i>	-	18437	24134	10	6	-	1	-	-	-	2	-	-	-	-	-	-	-	-		
2	Dartford (<i>W</i> o, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124:1	Sunbury <i>W</i>	-	11055	11688	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i> -	-	13277	12089	7	6	1	1	-	-	-	1	-	-	-	-	-	-	-	-		
125:1	Hillingdon <i>W</i> H ^H	-	6029	10802	5	4	1	1	-	-	-	1	1	-	-	-	-	2	-	-		
2	Uxbridge	-	6178	3225	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>W</i> H ^L	-	14587	11523	9	5	1	2	-	-	-	1	-	-	-	-	-	2	-	1		
126:1	Isleworth <i>W</i> H ^H	-	7008	22727	17	11	1	8	-	-	-	-	-	-	-	-	2	1	-	-		
2	Twickenham <i>H</i> -	-	2477	12479	4	2	-	2	-	-	-	-	-	-	1	1	-	-	-	-		
3	Brentford <i>H</i> L	-	4345	27649	20	9	5	3	-	-	1	1	-	-	1	-	-	-	-	-		
4	Chiswick	-	1340	15975	14	4	2	-	-	-	-	-	-	-	1	-	3	-	-	-		
5	Acton <i>W</i> H	-	6088	22376	29	11	3	-	-	-	-	-	1	-	-	-	-	-	-	-		
127:1	Harrow <i>H</i> -	-	13809	12796	14	5	2	1	-	1	-	1	-	-	2	-	-	-	-	-		
2	Edgware <i>H</i>	-	6994	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden	-	4383	27453	40	20	11	2	-	-	-	-	1	1	2	1	1	-	-	1		
4	Hendon <i>W</i>	-	8382	10494	14	5	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
127:1	Bushey	-	9331	6621	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128:1	South Mimms	-	15599	6391	2	3	1	-	-	1	-	-	-	-	-	1	1	-	-	-		
2	Barnet	-	5433	10092	12	3	2	1	-	-	-	-	-	-	-	1	1	1	-	1		
3	Finchley <i>H</i> L	-	4698	17615	10	13	2	2	-	-	-	-	-	-	-	1	1	9	-	-		
135:1	Hatfield (part of)*	-	8206	583	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
129:1	Hornsey <i>H</i> -	-	3039	37078	34	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Tottenham <i>H</i>	-	4642	46456	72	17	4	3	-	-	-	1	-	-	2	-	2	1	-	-		
3	Edmonton <i>W</i> W [†]	-	7483	23453	14	9	1	1	-	-	-	-	-	-	1	-	-	-	3	-		
4	Enfield <i>W</i> H	-	12653	19104	22	7	2	2	-	1	-	-	-	-	2	-	-	-	-	-		
5	Waltham Abbey	-	11017	5348	2	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-		
6	Cheshunt	-	8490	7735	8	4	2	1	-	-	-	-	-	-	1	-	-	-	-	-		
186:1	Stratford	-	832	38005	38	12	5	1	-	-	-	-	-	-	3	1	1	-	-	-		
2	West Ham <i>W</i> W ^W <i>H</i> †	-	7351	101053	102	33	14	7	-	1	1	-	1	8	2	2	-	-	-	2		
3	Leyton <i>W</i> W ^L	-	4372	32430	38	21	8	2	-	-	-	-	-	-	1	-	-	2	-	-		
4	Walthamstow <i>H</i>	-	6580	28869	44	10	3	1	-	-	1	-	-	-	-	-	-	-	-	-		
187:1	Chigwell (part of)* <i>H</i>	-	11761	9633	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
189:1	Romford (part of)* <i>W</i>	-	6730	3411	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
2	Ilford	-	8493	7645	9	5	1	-	-	1	-	-	-	-	-	1	1	-	-	-		
3	Barking Town	-	4127	9203	10	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 247); 135:1, the parish of Northaw in Hatfield sub-district; 187:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 187:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 31st August, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	14·8	2·1	1600	449	348	-	15	22	40	30	16	109	65	375		
INNER LONDON -	77,410	4,351,738	15·1	2·1	1263	331	288	-	12	17	32	21	12	78	51	335		
OUTER RING -	370,924	1,290,277	13·6	2·4	337	118	60	-	3	5	8	9	4	31	14	40		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700'522 square miles, which is equivalent to the area of a circle having a radius of 14'933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in FOREIGN CITIES, having an estimated Aggregate Population of Persons.

CITIES.	POPULATION (unenumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	July	13	-	-	-	-	-	-	-	-	-	-
BOMBAY -	773,196	"	30	297	519	29·7	1	3	?	-	?	143	98†
MADRAS -	398,777	"	5	340	302	39·3	-	25	?	-	?	76	50
PARIS -	2,260,945	August	24	1197	920	21·4	2	9	4	35*	7	30	126
BRUSSELS (with 8 Faubourgs.)	471,606	"	24	276	156	17·2	-	2	-	-	1	2	30
AMSTERDAM -	403,083	"	24	269	153	20·0	-	3	1	3	1	1	23
ROTTERDAM -	197,723	"	24	129	80	21·0	-	3	-	-	1	-	2
THE HAGUE -	153,440	"	24	88	64	21·7	-	-	-	-	1	1	-
COPENHAGEN -	307,000	"	24	213	129	21·9	-	-	-	7	4	3	24
STOCKHOLM -	228,218	"	17	141	81	18·5	-	-	3	2	-	1	18
CHRISTIANIA -	138,300	"	24	42	54	20·2	-	1	1	5	1	3	9
S. PETERSBURG	842,883	"	17	-	475	29·4	-	21	4	2	2	17	108
BERLIN -	1,489,672	"	10	843	570	19·9	-	3	8	15	6	1	144
HAMBURG (State)	675,276	"	17†	390	202	18·3	-	-	1	6*	1	3	37
DRESDEN -	264,196	"	17	160	107	21·1	?	-	-	4*	?	-	30
BRESLAU -	315,000	"	24	221	169	28·0	-	4	4	3*	2	3	28
MUNICH -	281,000	"	17	233	135	34·2	-	1	-	3*	1	-	61
VIENNA -	811,434	"	17	502	310	19·9	-	1	3	3	-	1	56
PRAGUE -	304,356	"	17	-	141	24·2	5	1	5	4	4	-	8
BUDA-PESTH -	452,907	"	17	360	243	27·9	-	2	8	13	-	11	36
TRIESTE -	153,084	"	17	-	58	19·1	1	-	-	1	-	-	12
ROME -	404,449	July	6	-	-	-	-	-	-	-	-	-	-
TURIN (11 days)-	306,398	"	31	290	272	29·5	1	20	-	-	5	5	57
VENICE -	153,375	August	10	88	102	34·7	6	3	-	-	-	3	18
CAIRO -	374,838	"	1	335	466	64·9	3	1	-	-	4	23	192
ALEXANDRIA -	231,396	"	1	184	193	43·5	4	-	-	1	-	6	62
NEW YORK	1,571,300	"	10	-	838	27·8	-	3	4	17	14	10	207
BROOKLYN	814,505	"	10	-	349	21·8	-	1	3	10	5	5	63
PHILADELPHIA -	1,040,245	"	10	-	492	24·7	-	1	3	6	2	27	75
BALTIMORE -	500,343	"	10	-	230	24·0	-	-	-	-	-	3	58

* Including deaths from croup.

† Including 34 deaths from cholera in Bombay.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, August 31st, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.	Phases of the Moon.	TEMPERATURE.					TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a Gauge whose receiving surface is situated above the Ground.			
		Baro- meter.	Of the Air.				Of the Water and Dew Point.		Difference between the Air Temperature and Dew Point.		Degree of radiation (Satu- ration equals 100).	Radiation.		Of the Water of the Thames at Deptford.	Oaler's.		Robinson's.								
			Mean daily reading and re- duced to Fahren- heit.)	High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from average value. (10 years.)	Mean daily value.	Great- est. est.		Least. est.	High- est in the Grass.		Low- est est.	General Direction.	Great- est. est.	Least. est.	Mean of 24 hours obs.	Horizontal Movement of the Air on each Day.	Depar- ture from Average of 16 Days.				
AUGUST.		in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
SUN. . 25	..	29.722	64.3	44.1	20.2	54.5	- 6.5	46.8	7.7	16.2	0.0	76	112.0	°	°	°	°	°	°	°	°	°	°	°	0.0
MON. . 26	New.	29.913	63.1	48.7	14.4	54.2	- 6.7	47.5	6.7	12.8	0.0	78	105.2	°	°	°	°	°	°	°	°	°	°	°	0.0
TUES. . 27	..	30.077	68.0	45.1	22.9	56.7	- 4.1	50.1	6.6	14.2	0.0	79	114.5	°	°	°	°	°	°	°	°	°	°	°	0.0
WED. . 28	..	30.019	72.1	49.9	22.2	59.8	- 0.9	50.8	9.0	17.8	0.0	72	134.2	°	°	°	°	°	°	°	°	°	°	°	0.0
THURS. . 29	In Equator.	30.023	78.1	50.1	28.0	63.8	+ 3.2	53.4	10.4	20.6	0.0	69	137.1	°	°	°	°	°	°	°	°	°	°	°	0.0
FRI. . 30	..	29.955	84.2	48.6	35.6	60.5	+ 6.1	55.5	11.0	26.5	0.0	68	126.6	°	°	°	°	°	°	°	°	°	°	°	1.0
SAT. . 31	..	29.956	81.1	52.8	28.3	66.1	+ 5.8	58.5	7.6	19.5	0.0	77	120.5	°	°	°	°	°	°	°	°	°	°	°	3.5
MEANS	..	29.952	73.0	48.5	24.5	60.2	- 0.4	51.8	8.4	18.2	0.0	74	121.4	°	°	°	°	°	°	°	°	°	°	°	1.2
No. of Col. .	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DATE.		ELECTRICITY. (For explanation of symbols, see Note.)		Registered Sunshine, in hours.		Sun above horizon, in hours.		GENERAL REMARKS.																	
25	SUNDAY			5.6		13.9		Partially cloudy till night; then cloudless. Fine.																	
26	MONDAY			2.3		13.9		Fine; partially cloudy.																	
27	TUESDAY			3.9		13.8		Fine and partially cloudy in morning; overcast afterwards.																	
28	WEDNESDAY	The electrometer was not in action throughout the week.		11.7		13.8		A very fine day. Partially cloudy till evening; cloudless at night.																	
29	THURSDAY			11.4		13.7		Very fine and cloudless throughout.																	
30	FRIDAY			11.5		13.7		Cloudless. A very fine day.																	
31	SATURDAY			7.5		13.6		Fine. Cloudless till afternoon; cloudy afterwards.																	
No. of Col. .				Sum 53.9		Sum 96.4																			
				29		30																			

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 8h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1885 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily wet point temperature, and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hydro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1885, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.67 in. at the beginning of the week to 30.08 in. by noon on the 27th; decreased to 29.99 in. by 3h. P.M. on the 28th; increased to 30.05 in. by 9h. A.M. on the 29th; decreased to 29.93 in. by 3h. P.M. on the 30th; and was 29.98 in. at the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
9th September, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·2 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.		Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.
Birkenhead	21·9	18·8	20·9	15·8	Liverpool -	18·3	19·0	19·7	18·2
Birmingham	23·4	15·9	15·0	17·3	London -	16·6	14·9	15·1	14·0
Blackburn -	25·0	18·1	23·2	19·4	Manchester -	23·0	24·4	23·4	20·7
Bolton -	23·2	15·0	16·8	20·5	Newcastle-on-Tyne*	27·9	29·2	25·6	26·9
Bradford*	18·4	12·4	20·4	18·2	Norwich -	21·5	14·9	14·9	18·2
Brighton -	18·0	11·1	13·7	15·0	Nottingham -	16·2	15·4	14·7	16·9
Bristol -	15·9	20·5	16·4	13·9	Oldham -	17·2	14·7	13·2	15·0
Cardiff*	18·1	25·5	13·9	19·0	Plymouth -	26·7	34·0	24·0	25·4
Derby -	9·0	14·3	9·0	15·9	Portsmouth -	20·7	21·1	15·1	19·6
Halifax -	22·5	16·7	17·4	16·1	Preston -	42·6	26·5	24·5	26·0
Huddersfield	16·9	14·6	14·6	16·9	Salford* -	18·7	19·4	18·0	18·3
Hull -	28·1	23·6	21·3	17·6	Sheffield -	22·6	21·5	18·2	14·8
Leeds -	22·8	15·8	17·8	18·8	Sunderland -	29·5	23·3	22·6	20·6
Leicester*	18·0	18·0	9·7	13·2	Wolverhampton -	22·1	20·2	29·7	14·5

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Newcastle-upon-Tyne, 1·6 in Sunderland, and 2·0 in Preston; from *scarlet fever*, 8·0 in Plymouth; from *whooping-cough*, 1·2 in Sunderland; from "*fever*," 1·1 in Bradford and in Norwich, 1·3 in Plymouth, 1·4 in Bolton, 1·5 in Preston, and 1·7 in Huddersfield; and from *diarrhœa*, 3·1 in Salford, in Sunderland, and in Leicester, 3·4 in Blackburn, 3·6 in Newcastle-upon-Tyne, 4·5 in Hull, and 5·0 in Preston. The 37 deaths from *diphtheria* included 30 in London, 2 in Liverpool, and 2 in Preston. No death from *small-pox* was recorded in any of the twenty-eight great towns.

LONDON.

In LONDON 2373 BIRTHS and 1170 DEATHS were registered. Allowing for increase of population, the births were 373, and the deaths 282, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6, 14·9, and 15·1 in the three preceding weeks, further declined last week to 14·0. During the first ten weeks of the current quarter the mean death-rate was 16·8 per 1000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1170 deaths included 9 from *measles*, 18 from *scarlet fever*, 30 from *diphtheria*, 28 from *whooping-cough*, 1 from *typhus*, 21 from *enteric fever*, 1 from an

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

undefined form of continued fever, 68 from diarrhœa and dysentery, 3 from cholera and choleraic diarrhœa, and not one from small-pox; thus, 179 deaths were referred to these diseases, being 103 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; and no case of this disease was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 18, 9, and 12 in the three preceding weeks, declined again last week to 9, and were 15 below the corrected average; 2 belonged to Greenwich sanitary area. The fatal cases of *scarlet fever*, which had been 13, 16, and 17 in the three previous weeks, further rose last week to 18, but were 20 below the corrected average; 2 belonged to Kensington, 3 to Fulham, 2 to Bethnal Green, and 2 to St. Saviour Southwark sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1021 scarlet fever patients on Saturday last, against numbers increasing in the ten preceding weeks from 559 to 966; 121 cases were admitted to these hospitals during the week, against 90, 98, and 136 in the three preceding weeks. The deaths from *diphtheria*, which had been 37 and 32 in the two preceding weeks, further declined last week to 30 (of which 17 occurred in hospitals), and exceeded the corrected average by 13; 6 belonged to Kensington, 2 to Shoreditch, 3 to Bethnal Green, 4 to Newington, and 3 to Lambeth sanitary areas. The 28 deaths from *whooping-cough* showed a further slight increase upon the numbers in recent weeks, but were 7 below the corrected average; 4 belonged to Lambeth, 3 to Battersea, 4 to Camberwell, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had declined in the seven preceding weeks from 273 to 78, further declined last week to 68, and were 69 below the corrected average; 50 were of infants under one year of age, and 11 of children aged between one and five years. The deaths of 2 infants, and of one adult, aged 60 years, were referred to English cholera or choleraic diarrhœa.

The deaths referred to *enteric fever*, which had been 8, 11, and 12 in the three preceding weeks, further rose last week to 21, and exceeded the corrected average by 3; 2 belonged to Chelsea, 3 to Pancras, 4 (including one at 61, Cottenham Road, where 3 persons had been attacked,) to Islington sanitary area. The Metropolitan Asylum Hospitals contained 72 cases of enteric fever, and not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week, against 11, 6, and 13 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 162, 115, and 148 in the three preceding weeks, were last week 142, and 25 below the corrected average.

The death of a child aged 8 years occurred in St. Bartholomew's Hospital on 31st ultimo from *hydrophobia*, resulting from the bite of a dog two or three months previously.

Different forms of violence caused 47 deaths, concerning all of which inquests were held. Of these 47 deaths, 8 were cases of suicide, while the remaining 39 were attributed to negligence or accident. Seven of these 39 deaths were caused by vehicles in the streets, 2 by burns and scalds, 7 by drowning, and 9 of infants under one year of age by suffocation.

The death of a female lead worker, aged 50 years, in Whitechapel, was the subject of an inquest, the verdict being "Found dead; exhaustion due to want of food."

GREATER LONDON.

In Greater London 3220 births and 1507 deaths were registered, corresponding to annual rates of 29·8 and 13·9 per 1000 of the estimated population. In the Outer Ring 33 deaths from diarrhœa, 7 from "fever" and 7 from scarlet fever were registered. Of the 33 deaths from diarrhœa, 9 occurred in West Ham, 5 in Croydon and 3 in Stratford sub-districts. The deaths in West Ham sub-district also included 2 from "fever" and 2 from scarlet fever. Two fatal cases of diphtheria occurred in Mitcham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·97 ins.; the lowest reading was 29·82 ins. on Tuesday morning, and the highest 30·12 ins. on Friday morning. The mean temperature of the *air* was 60°·5, and 0°·8 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Thursday and Saturday, whereas it showed an excess on each of the other days of the week. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 4·4 miles per hour, which was 6·5 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·54 of an inch. The duration of registered bright sunshine in the week was 22·6 hours, against 20·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 7th September, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the year 1889.		Registered during the week ending 7th Sept., 1889.		Deaths of		Deaths from							Deaths of				TEMPERATURE OF THE AIR.				RAINFALL.		COLS.				
	COLS.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Fahrenheit.			Mean.	Conti- grade.	In Inches.	In Centi- metres.
																						Highest.	Lowest.					
28 TOWNS*	9,555,406	5429	2972	899	615	-	40	59	37	58	63	255	100	178	593	57	16-2	2-8	72-7	48-0	58-6	14-78	0-26	0-66	-	28 TOWNS.		
LONDON	4,351,788	2973	1170	306	265	-	9	18	30	28	23	68	47	86	327	11	14-0	2-1	72-7	51-3	60-5	15-83	0-54	1-37	-	LONDON.		
BRIGHTON	121,807	65	35	16	14	-	-	1	-	2	-	4	-	-	6	1	15-0	1-7	72-0	54-9	61-1	16-17	0-00	0-00	-	BRIGHTON.		
PORTSMOUTH	141,263	83	53	7	13	-	-	-	-	-	-	7	-	-	8	-	19-6	3-7	-	-	-	-	-	-	-	PORTSMOUTH.		
NORWICH	94,510	62	33	7	13	-	-	-	-	-	-	5	-	-	3	6	18-2	3-9	-	-	-	-	-	-	-	NORWICH.		
PLYMOUTH	78,225	58	38	6	8	-	-	12	-	-	-	2	-	-	1	1	25-4	11-3	71-5	55-0	61-4	16-33	0-15	0-38	-	PLYMOUTH.		
BRISTOL	229,361	140	61	15	19	-	1	1	3	3	1	2	3	1	2	8	13-9	2-3	70-5	49-0	60-0	15-56	0-48	1-22	-	BRISTOL.		
WOLVERHAMPTON	82,544	45	23	10	5	-	-	-	-	-	-	3	1	2	2	1	14-5	1-9	69-5	50-0	58-1	14-50	0-75	1-90	-	WOLVERHAMPTON.		
BIRMINGHAM	454,835	245	151	42	40	-	5	2	-	4	-	12	4	8	30	5	17-3	3-6	-	-	-	-	-	-	-	BIRMINGHAM.		
LEICESTER	150,520	74	38	19	5	-	1	-	-	-	-	1	9	1	2	6	13-2	2-8	-	-	-	-	-	-	-	LEICESTER.		
NOTTINGHAM	237,812	105	77	20	16	-	-	-	-	-	-	2	6	2	4	16	16-9	1-8	70-3	52-5	58-7	14-83	0-44	1-12	-	NOTTINGHAM.		
DERBY	98,529	54	30	7	7	-	-	1	-	-	-	-	-	-	3	6	15-9	0-5	-	-	-	-	-	-	-	DERBY.		
BIRMINGHAM	102,511	58	31	8	8	-	-	-	1	1	-	-	-	3	5	3	15-8	0-5	-	-	-	-	-	-	-	BIRMINGHAM.		
LIVERPOOL	606,562	305	211	71	21	-	-	7	2	5	3	20	13	15	36	13	18-2	3-2	68-8	48-9	58-4	14-67	0-06	0-15	-	LIVERPOOL.		
HOLTON	114,670	82	45	8	8	-	-	1	1	1	3	2	1	1	5	-	20-5	3-6	-	-	-	-	-	-	-	HOLTON.		
MANCHESTER	378,800	238	150	36	23	-	2	3	1	2	2	10	6	8	40	4	20-7	2-8	-	-	-	-	-	-	-	MANCHESTER.		
SALFORD	234,283	140	82	32	9	-	2	4	1	4	4	14	1	3	12	3	18-3	5-6	-	-	-	-	-	-	-	SALFORD.		
OLDHAM	142,405	70	41	11	7	-	1	-	-	1	-	-	-	-	1	2	15-0	1-8	-	-	-	-	-	-	-	OLDHAM.		
BLACKBURN	121,275	66	45	15	7	-	-	-	-	-	-	-	-	2	6	-	19-4	3-4	-	-	-	-	-	-	-	BLACKBURN.		
PRESTON	104,194	67	52	17	10	-	4	1	2	-	3	10	1	2	9	-	20-0	10-0	-	-	-	-	-	-	-	PRESTON.		
HUDDESFIELD	92,825	61	30	4	3	-	-	-	1	1	3	-	-	-	4	-	16-9	2-2	-	-	-	-	-	-	-	HUDDESFIELD.		
HALIFAX	81,080	43	25	6	8	-	-	-	-	-	-	-	3	-	1	4	16-1	1-9	-	-	-	-	-	-	-	HALIFAX.		
BRADFORD	235,066	115	82	17	16	-	1	2	-	3	5	2	2	5	12	-	18-2	2-9	66-3	50-8	57-6	14-22	0-13	0-33	-	BRADFORD.		
LEEDS	357,449	234	129	34	26	-	3	1	-	2	4	16	3	9	18	2	18-8	3-8	-	-	-	-	-	-	-	LEEDS.		
SHEFFIELD	327,227	213	93	36	17	-	-	1	4	-	-	1	11	1	3	4	14-8	2-7	-	-	-	-	-	-	-	SHEFFIELD.		
HULL	208,017	144	70	36	13	-	1	-	-	1	-	-	-	2	3	3	17-6	5-0	-	-	-	-	-	-	-	HULL.		
SUNDERLAND	124,118	95	53	19	11	-	-	-	3	1	-	8	2	2	4	1	20-6	6-2	64-0	48-0	54-5	12-50	0-00	0-00	-	SUNDERLAND.		
NEWCASTLE*	160,988	124	83	19	19	-	-	-	-	-	1	11	4	7	10	-	28-9	5-2	63-0	48-0	56-0	13-33	0-00	0-00	-	NEWCASTLE.		
CARDIFF	112,712	75	41	15	7	-	1	-	-	1	1	-	1	2	7	3	19-0	1-4	-	-	-	-	-	-	-	CARDIFF.		
ELINBURGH	266,900	145	65	12	21	-	-	1	2	1	-	3	2	?	11	10	12-7	1-4	71-0	43-9	56-5	13-61	0-00	0-03	-	ELINBURGH.		
GLASGOW	528,144	343	215	43	36	-	1	-	3	10	6	13	9	?	19	21	21-2	3-3	70-0	42-2	57-8	14-33	0-03	0-03	-	GLASGOW.		
DUBLIN	363,082	174	126	42	17	-	1	-	-	2	1	11	3	6	29	13	18-6	2-2	66-2	40-6	57-5	14-17	0-04	0-10	-	DUBLIN.		

See note on first page of this Return.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SIXTH Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2646	2463	2513	2566	2434	2574	2330	2557	2619	2475	2745.5	2373
Males . .	1327	1232	1281	1264	1214	1334	1164	1318	1324	1234	1384.1	1215
Females .	1319	1231	1232	1302	1220	1240	1166	1239	1295	1241	1361.4	1158
TOTAL Deaths	1398	1391	1229	1322	1257	1529	1221	1312	1349	1316	1452.4	1170
Males . .	766	748	653	711	653	767	614	684	659	670	755.2	605
Females .	627	643	576	611	604	762	607	628	690	646	697.2	565

The numbers in this column are the average weekly numbers in the thirty-sixth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

			June 15.	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	
TOTAL Births	-	-	2396	2636	2467	2507	2306	2627	2376	2481	2180	2715	2358	2425	2373	
TOTAL Deaths	-	-	1247	1243	1265	1350	1605	1556	1553	1532	1366	1382	1240	1263	1170	
Ages at Death	{	0—20 years	-	564	575	572	722	902	908	898	850	739	727	628	569	535
		20—40 "	-	173	180	179	163	151	164	166	161	139	160	140	172	151
		40—60 "	-	227	218	232	221	232	197	223	209	222	202	197	235	219
		60—80 "	-	236	225	229	205	257	245	212	261	216	235	223	240	216
		at 80 years & upwds.	-	47	45	53	34	63	42	49	51	50	58	52	47	49
"	{	Under 1 year	-	293	281	315	429	617	631	599	555	468	447	387	331	306
		1—5	-	184	203	189	203	196	197	216	193	195	195	163	156	141
		5—20	-	87	91	68	85	89	80	83	102	76	85	78	82	88
Deaths from Small-pox			-	-	-	-	-	-	-	-	-	-	-	-	-	
"	"	Measles	-	32	23	33	31	30	29	20	25	15	18	9	12	9
"	"	Scarlet fever	-	11	17	10	9	9	12	6	11	16	13	16	17	18
"	"	Diphtheria	-	26	27	13	38	25	23	44	45	28	36	37	32	30
"	"	Whooping-cough	-	37	27	27	32	26	29	19	22	19	17	20	21	28
"	"	Typhus	-	-	-	-	-	-	-	-	2	-	-	-	1	
"	"	Enteric fever	-	8	7	8	8	8	7	8	8	6	8	11	12	21
"	"	SimpleCont ^d fever	-	2	-	1	-	2	-	1	-	1	-	-	1	
"	"	Diarrhœa and Dysentery	-	34	40	57	155	258	273	271	199	175	158	109	78	63
"	"	Cholera	-	-	-	-	5	10	10	10	4	4	4	2	1	3
"	"	all the above- mentioned Diseases	-	150	141	149	278	368	383	379	314	266	254	204	173	179
"	"	Dis. of Respira- tory System	-	169	171	169	143	158	141	160	182	149	162	115	148	142
"	"	Phthisis	-	162	155	137	138	127	136	150	126	128	135	139	149	134
"	"	Dis. of Circula- tory System	-	106	123	99	94	117	102	91	110	93	111	104	93	95
Violent Deaths			-	48	53	39	51	83	43	60	70	65	49	56	51	47
Inquest Cases			-	109	105	90	90	129	83	113	115	114	103	98	93	86
Deaths in Public Institutions			-	290	324	314	280	356	343	314	325	320	319	279	335	327
TEMPERATURE OF THE AIR																
Mean			-	56.8	59.6	64.1	63.3	63.0	58.7	58.1	64.9	60.4	59.3	57.8	60.2	60.5
Mean of Highest readings			-	64.0	72.4	77.1	74.6	72.9	69.9	67.7	76.2	72.8	69.7	68.1	73.0	69.1
Mean of Lowest readings			-	51.7	49.7	52.1	53.7	56.2	51.3	51.9	55.3	52.0	52.5	51.1	48.5	55.2
Humidity of the Air			-	89	76	71	71	80	80	82	76	80	82	80	74	88
Rain-fall in inches			-	1.73	0.00	0.02	0.00	0.72	0.43	0.90	0.20	0.46	0.19	0.98	0.00	0.54
Registered Sunshine (in hours)			-	3.3	65.3	54.1	51.3	23.0	28.1	26.5	36.5	46.0	26.8	26.2	53.9	22.6

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 36th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 7th September 1889.								Corrected Averages for the 36th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 7th September 1889.									
		Deaths of Persons of the Ages									Deaths of Persons of the Ages									
		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
ALL CAUSES - - -	1452.4	1170	306	141	88	151	219	216	49	Diseases of Organs of Special Sense † - - -	2.4	4	2	1	1	-	-	-		
Small-pox { Vaccinated † - - - Unvaccinated - - - No Statement - - - }	7.0	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	98.0	95	1	1	4	18	30	37	4	
Measles - - - - -	23.9	9	4	5	-	-	-	-	-	Croup - - - - -	11.6	5	-	5	-	-	-	-	-	
Scarlet Fever - - -	38.2	18	2	14	1	1	-	-	-	Bronchitis - - - - -	83.9	78	24	10	1	3	8	26	6	
Typhus - - - - -	1.1	1	-	-	-	1	-	-	-	Pneumonia - - - - -	48.2	37	7	9	3	2	6	7	3	
Relapsing Fever † - -	0.0	-	-	-	-	-	-	-	-	Pleurisy - - - - -	4.0	4	1	-	1	-	-	1	1	
Intluenza - - - - -	0.0	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - -	19.0	18	5	2	3	-	4	3	1	
Whooping-cough - - -	34.5	28	9	17	2	-	-	-	-	Dentition † - - - - -	9.1	8	4	4	-	-	-	-	-	
Diphtheria - - - - -	16.9	30	2	13	15	-	-	-	-	Quincy, Sore Throat †	1.7	3	-	3	-	-	-	-	-	
Simple Continued and Ill-defined Fever - - -	2.0	1	-	-	-	1	-	-	-	Enteritis - - - - -	14.1	18	13	1	2	2	-	-	-	
Enteric Fever - - - -	17.8	21	-	1	8	8	3	1	-	Peritonitis - - - - -	6.7	9	1	-	3	3	2	-	-	
Cholera - - - - -	3.4	3	2	-	-	-	-	1	-	Diseases of Liver - - -	32.2	21	5	-	-	1	7	8	-	
Diarrhoea, Dysentery -	137.4	68	50	11	1	1	1	4	-	Other Diseases of Digestive System - - -	29.7	26	6	-	1	6	2	11	-	
Remittent Fever † - -	0.3	-	-	-	1	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - -	1.7	2	-	-	-	1	-	1	-	
Hydrophobia - - - -	0.0	1	-	-	-	-	-	-	-	Diseases of Urinary System - - -	33.2	39	-	-	2	7	11	19	-	
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	4.8	6	1	-	-	1	4	-	-	
Cowpox and Effects of Vaccination † - - -	0.0	-	-	-	-	-	-	-	-	Accidents of Childbirth -	8.1	4	-	-	-	4	-	-	-	
Veneral Affections - -	14.1	12	7	-	-	3	2	-	-	Diseases of Locomotive System † - - -	7.5	6	1	-	4	1	-	-	-	
Erysipelas - - - - -	5.0	2	1	-	-	-	-	1	-	Diseases of Integumentary System - - -	5.9	4	1	-	-	-	1	1	1	
Pyæmia and Septicæmia †	3.2	1	-	-	-	1	-	-	-	VIOLENT DEATHS.‡										
Puerperal Fever - - -	3.7	1	-	-	-	1	-	-	-	(ACCIDENT.)										
Other Zymotic Diseases †	2.0	1	-	1	-	-	-	-	-	Fracture and Contusion	19.5	19	-	4	3	4	5	3	-	-
Thrush - - - - -	4.2	1	1	-	-	-	-	-	-	Gunshot Wound - - -	0.0	-	-	-	-	-	-	-	-	
Worms and other Parasitical Diseases - - -	0.4	-	-	-	-	-	-	-	-	Cut, Stab - - - - -	0.4	-	-	-	-	-	-	-	-	
Starvation, Want of Breast-milk † - - -	2.6	2	1	-	-	-	1	-	-	Burn and Scald - - -	4.0	2	-	1	-	-	-	1	-	
Alcoholism - - - - -	5.1	7	-	-	-	4	2	1	-	Poison - - - - -	0.9	-	-	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart†	6.5	5	-	-	2	2	1	-	-	Drowning - - - - -	9.3	7	-	1	3	1	2	1	-	
Rheumatism † - - - -	2.4	3	-	-	-	-	1	1	1	Suffocation - - - - -	9.3	10	9	1	-	-	-	-	-	
Gout - - - - -	3.2	2	-	-	-	-	1	1	-	Otherwise - - - - -	3.4	1	1	-	-	-	-	-	-	
Rickets † - - - - -	3.5	1	-	1	-	-	-	-	-	(HOMICIDE.)										
Cancer - - - - -	50.9	51	-	-	1	3	24	23	1	Murder & Manslaughter	1.5	-	-	-	-	-	-	-	-	
Tabes Mesenterica - - -	41.3	33	21	5	3	2	1	1	-	(SUICIDE.)										
Tubercular Meningitis -	27.5	13	3	7	2	-	-	-	-	Gunshot Wound - - -	0.7	-	-	-	-	-	-	-	-	
Phthisis - - - - -	154.5	134	2	4	10	54	53	6	-	Cut, Stab - - - - -	1.9	3	-	-	-	1	-	-	1	
Scrofula, Tuberculosis -	18.0	9	2	3	-	1	3	-	-	Poison - - - - -	1.4	1	-	-	-	-	-	-	-	
Other Constitutional Diseases † - - -	7.2	8	-	1	-	1	4	2	-	Drowning - - - - -	2.2	-	-	-	-	-	-	-	-	
Premature Birth - - -	35.4	29	29	-	-	-	-	-	-	Hanging - - - - -	1.7	3	-	-	-	-	1	2	-	
Atelectasis † - - - -	2.3	-	-	-	-	-	-	-	-	Otherwise - - - - -	0.5	1	-	-	-	1	-	-	-	
Congenital Malformations -	6.9	8	7	1	-	-	-	-	-	(EXECUTION.)										
Old Age - - - - -	43.8	39	-	-	-	-	-	16	23	Hanging - - - - -	0.0	-	-	-	-	-	-	-	-	
Apoplexy - - - - -	40.9	25	-	-	-	1	8	12	4	OTHER CAUSES † - - -	75.4	57	50	6	-	1	-	-	-	
Epilepsy - - - - -	7.0	6	-	1	1	1	-	3	-											
Convulsions - - - - -	50.9	31	24	6	1	-	-	-	-											
Other Diseases of Brain and Nervous System †	75.0	75	7	2	9	8	24	22	3											

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending,

REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include													Deaths in Public Institutions.	Unclassified Causes.
					Deaths of		Deaths from												
					Infants under 1 Year of Age.	Persons aged 10 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON		3,815,704	2373	1170	306	265	-	9	18	30	28	1	21	1	68	47	86	327	1
West Districts		669,638	325	214	45	51	-	-	7	9	5	-	5	-	7	9	12	82	-
North Districts		905,947	530	253	68	54	-	3	2	6	4	1	7	-	14	7	16	64	-
Central Districts		282,298	142	83	24	21	-	2	-	1	-	-	4	-	8	9	11	30	-
East Districts		692,738	436	227	67	50	-	1	4	5	4	-	2	-	18	10	18	73	-
South Districts		1,265,143	940	390	102	89	-	3	5	9	15	-	3	1	21	12	29	78	-
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Districts.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Paddington	WHH G.J. & W.M.	69838	39	18	6	2	-	-	-	1	-	-	-	-	-	-	1	7	-
St. John Paddington	H - G.J.	87380	3	13	-	2	-	-	-	-	-	-	1	-	-	2	2	9	-
Kensington Town	Ww - W.M.	120141	87	37	5	16	-	-	-	-	-	-	1	-	-	-	-	17	-
Brompton	H - W.M. & C.	48010	8	5	-	-	-	-	1	2	-	-	-	-	-	-	-	2	-
St. Peter Hammersmith	- W.M.	7399	9	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith	H W.M. & G.J.	64340	43	21	8	4	-	-	1	1	-	-	-	-	3	2	3	12	1
Fulham	Ww - W.M. & C.	42900	59	34	13	5	-	-	4	3	2	-	-	-	1	-	-	-	-
Chelsea South	HHH - C.	6986	17	5	3	-	-	-	-	-	-	-	-	-	1	-	-	3	-
Chelsea North-west	WHHHHH - C.	24255	13	12	1	1	-	-	-	-	-	1	-	-	1	1	1	-	-
Chelsea North-east	- C.	32807	21	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May Fair	WW - G.J.	80353	6	12	-	6	-	-	-	-	-	-	-	-	-	2	2	5	-
Belgrave	WHHH - C.	59220	22	26	1	7	-	-	1	1	-	-	1	-	-	-	-	13	-
St. John Westminster	HHH - C.	35496	21	6	2	2	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Margaret Westminster	H - C.	24679	9	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1
St. James Westminster	WHH N.R. & G.J.	22941	9	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Anne Soho	HHHHHHH - N.R.	16608	7	6	1	2	-	-	-	-	1	-	-	-	-	-	-	1	-
North Districts.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All Souls Marylebone	HHHH - W.M.	28759	11	13	5	3	-	-	-	-	2	-	-	-	1	1	1	2	-
Cavendish Square	HHHH - W.M.	14381	2	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Rectory Marylebone	WH G.J. & W.M.	24809	14	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary Maryleb.	HHH G.J. & W.M.	21118	23	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone	HHH - W.M.	33700	13	12	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone	H - W.M.	33633	11	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead	Ww - N.R. & W.M.	45452	88	23	7	3	-	1	1	1	-	-	-	-	3	1	2	8	-
Regent's Park	HHHH - W.M.	39115	17	6	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Tottenham-court	HHHHH N.R. & W.M.	27729	17	16	2	4	-	-	-	2	-	-	-	-	-	-	1	17	-
Gray's Inn Lane	HHH - N.R.	30247	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1	3
Somers Town	H - N.R.	34369	22	13	1	1	-	-	-	1	-	-	-	-	-	1	1	3	-
Camden Town	WH - N.R.	17811	12	15	2	6	-	-	-	-	-	-	-	-	-	-	1	2	9
Kentish Town	W - N.R.	87487	49	25	7	5	-	1	-	-	1	-	2	-	-	1	2	6	-
Upper Holloway	WWWH - N.R.	67946	48	25	6	6	-	-	-	1	-	-	2	-	-	1	-	12	-
Islington South-west	HH - N.R.	10076	55	11	5	1	-	-	-	-	-	-	-	-	3	-	-	-	-
Islington South-east	- N.R.	81835	38	14	3	4	-	-	-	-	-	-	-	-	-	1	2	-	-
Highbury	H - N.R.	62048	39	11	3	2	-	-	-	-	1	-	-	-	1	-	1	-	-
Stoke Newington	H - N.R.	22751	4	8	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill	- - E.L.	9277	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney	H - N.R.	87610	15	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hackney	WwWH - E.L. & N.R.	76911	58	35	9	7	-	1	1	1	-	1	1	-	2	1	3	9	-
South Hackney	- - E.L.	39883	26	9	4	-	-	-	-	-	-	-	-	-	1	-	-	-	-
CENTRAL DISTRICTS.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George Bloomsbury	- - N.R.	16681	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South	WH - N.R.	14884	13	5	3	2	-	1	-	-	-	-	-	-	-	1	-	1	-
St. Giles North	- - N.R.	13837	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields	HH N.R. & C.	17604	9	11	4	2	-	-	-	-	-	-	-	-	-	1	2	5	-
St. Mary-le-Strand	H - N.R.	7515	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Clement Danes	H - N.R.	8559	2	3	1	-	-	-	-	-	-	-	-	-	-	1	1	3	-
Strand Union Workhouse, Edmonton	w.	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-
St. Geo.-the-Martyr	HHHHHHH N.R.	18671	11	10	2	1	-	-	-	-	-	2	-	2	-	-	-	7	-
St. Andrew Eastern	W - N.R.	10706	7	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Saffron Hill	H - N.R.	6538	3	1	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-
St. James Clerkenwell	- N.R.	17516	10	5	4	-	-	-	-	-	-	-	-	-	-	1	1	1	-
Amwell Clerkenwell	- N.R.	19281	10	2	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Pentonville	- N.R.	14773	9	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street	- N.R.	17506	13	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Old-street	H - N.R.	11541	6	2	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
City-road	HHH - N.R.	18623	17	3	-	1	-	-	-	-	-	-	-	-	-	1	1	1	-
Whitecross-street	- N.R.	9217	4	4	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-
Finsbury	- N.R.	7463	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham	w.	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-
St. Botolph	H - N.R. & E.L.	11174	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate	- - N.R.	7193	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
St. Sepulchre	H - N.R.	5858	-	9	1	2	-	-	-	1	-	-	1	-	-	1	2	9	-
St. Bride	W - N.R.	8896	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Albhallows Barking	- N.R.	18666	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street	H - N.R.	5652	2	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-
house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts—G.J. signified
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London
and K. the Kent Company.

VEE, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
tuesday, the 7th September, 1889.

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total Deaths.	Deaths from														
			Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple eun- teric Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																	
olywell Shoreditch	N.R. & E.L.	7376	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch	HL*	14987	7	4	1	1	-	-	-	-	-	-	-	1	-	-	-
iton New Town	w - N.R.	29987	30	8	3	2	-	-	-	-	-	-	-	-	-	2	-
iton Old Town	- N.R.	28036	11	8	2	-	-	-	-	-	-	-	-	1	-	-	-
aggerston	WH - N.R. & E.L.	46275	27	23	4	8	-	1	2	-	-	-	-	1	-	10	-
ackney-road	H - E.L.	29788	29	9	6	1	-	-	-	1	1	-	-	-	-	-	-
reen, Bethnal Green	WHL*	47683	21	32	5	9	-	1	1	1	-	-	-	2	-	11	-
burch, Bethnal Green	- E.L.	29981	25	3	1	-	-	1	1	1	-	-	-	-	-	-	-
own, Bethnal Green	- E.L.	19810	10	6	4	-	-	-	1	1	-	-	-	1	-	-	-
pitalfields	- E.L. & N.R.	22585	19	1	-	1	-	-	-	-	-	-	-	-	-	-	-
ile End New Town	W - E.L.	15473	17	13	5	2	-	-	-	-	-	-	1	2	-	1	5
Whitechapel Church	H - E.L. & N.R.	17490	9	23	1	-	-	-	-	-	-	-	-	-	4	5	14
oodman's Fields	- E.L.	9713	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ldgate	- N.R. & E.L.	6192	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
t. George's, North	- E.L.	38747	21	15	6	2	-	-	-	1	-	-	-	3	-	1	-
t. John, St. George East	W - E.L.	8410	2	9	2	4	-	-	-	-	-	-	-	1	-	6	-
adwell	HH - E.L. & N.R.	10995	4	8	2	-	-	-	-	-	-	-	-	1	-	6	-
atelff	- E.L.	16107	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-
inehouse	- E.L.	32041	18	5	2	-	-	-	-	1	-	-	-	-	2	3	-
ile End Old Town West	- E.L.	37960	23	9	3	1	-	1	-	-	-	-	-	1	-	1	-
ile End Old Town East	WwH - E.L.	67653	41	16	7	6	-	-	-	-	-	1	-	1	-	4	-
ow L	- E.L.	37074	17	5	3	1	-	-	-	-	-	-	-	1	1	2	-
romley wwhH	- E.L.	43459	48	20	5	7	-	1	-	-	-	-	-	1	2	1	14
oplar. WWH	- E.L.	55077	40	6	2	-	-	-	-	-	-	-	-	1	1	1	-
SOUTH DISTRICTS.																	
Whitechurch Southwark	WH L. & S.	13663	8	5	3	1	-	-	1	-	-	-	-	-	-	1	-
t. Saviour Southwark	- S.	14999	7	2	1	1	-	-	-	-	-	-	-	1	-	1	-
ent-road	- S. & L.	21281	22	8	2	1	-	-	-	-	-	-	-	1	-	-	1
orough-road	WH - S. & L.	15953	8	7	3	1	-	-	-	-	-	-	-	1	-	-	-
ondon-road	HL - L. & S.	21318	15	4	3	1	-	-	-	-	-	-	-	1	-	-	-
inity Newington	- S. & L.	26672	23	6	5	-	-	-	1	-	-	-	-	-	-	-	-
t. Peter Walworth	W - S. & L.	59535	44	16	5	4	-	-	-	-	-	-	-	2	-	1	7
t. Mary Newington	- L. & S.	21623	18	6	2	-	-	1	1	-	-	-	-	1	-	1	-
t. Olave	WH - S.	11956	5	16	3	3	-	1	-	-	-	-	-	1	-	2	13
leather Market	- S. & L.	16800	9	5	2	1	-	-	-	-	-	-	-	1	-	-	8
t. Mary Magdalen	W - S.	15669	12	9	1	2	-	-	-	-	-	-	-	-	2	2	-
t. James Bermondsey	- S.	54682	46	9	1	-	-	-	-	1	-	-	-	-	1	1	4
otherhithe	WH - S. & K.	36024	28	11	4	1	-	-	-	-	-	-	-	-	-	-	-
Waterloo-road 1st	H - L. & S.	51595	7	3	2	-	-	-	-	-	1	-	-	-	-	-	1
Waterloo-road 2nd	H - L. & S.	16551	27	4	2	1	-	-	-	-	-	-	-	-	-	-	-
ambeth Church 1st	H - L. & S.	19876	11	21	5	2	-	-	2	2	-	1	-	2	-	10	1
ambeth Church 2nd	WW - L. & S.	39559	22	22	5	3	-	-	-	-	-	-	-	-	-	-	-
ennington 1st	- S. & L.	45332	34	9	1	2	-	-	-	-	-	-	-	-	-	-	-
ennington 2nd	- S. & L.	26829	19	4	2	-	-	-	-	-	-	-	-	1	1	1	-
rixton w	- L. & S.	62837	43	14	4	6	-	-	1	-	-	-	-	-	-	-	-
orwood W	- L.	19017	18	4	2	-	-	-	-	1	-	-	-	-	-	-	-
ast Battersea	- S.	54675	46	11	3	3	-	-	-	1	-	-	-	1	1	1	-
West Battersea	WwH - S.	52587	59	23	5	7	-	-	-	-	-	-	-	1	1	2	9
apham H	- S.	36850	17	4	1	-	-	-	-	-	-	-	-	1	-	1	-
andsworth	WHL - S.	23004	27	6	1	-	-	-	-	-	-	-	-	-	-	-	-
utney	- S.	18235	6	2	1	-	-	-	-	1	-	-	-	-	-	-	-
treatham	- L.	25553	21	8	-	3	-	-	1	-	-	-	-	-	-	-	-
ulwich	- L. & S.	5590	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
amberwell	WwL*L* - S. & L.	39104	44	34	5	15	-	-	-	8	-	-	-	-	1	1	12
ackham W	- S., L., & K.	71099	38	17	3	5	-	-	-	-	-	-	-	1	1	1	-
t. George Camberwell	- L. & S.	50810	39	14	7	1	-	-	-	-	-	-	-	-	-	-	-
t. Paul Deptford	ww - K.	76752	51	26	5	4	-	2	-	2	1	-	-	2	1	2	2
t. Nicholas Deptford	- K.	7901	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-
reenwich West	H - K.	21973	12	7	1	1	-	-	1	-	2	-	-	1	1	2	5
reenwich East	WHH - K.	24609	22	14	2	2	-	-	-	1	-	-	-	1	-	-	-
itham H	- K.	5043	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ee H	- K.	21559	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
ewinham	WH - K.	19865	16	6	3	1	-	-	-	-	-	-	-	-	-	-	1
ydnam H	- L.	36076	20	7	2	3	-	1	-	-	-	-	-	-	-	-	-
harlton H	- K.	10990	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
oolwich Dockyard	- K.	17617	12	6	2	-	-	-	-	-	-	-	1	1	-	1	-
oolwich Arsenal	HH - K.	19043	11	5	1	-	-	-	-	-	-	-	-	-	-	-	-
umstead, West	H - K.	14009	13	5	2	2	-	-	-	-	-	-	-	-	-	-	-
umstead, East	W - K.	19241	36	15	3	5	-	-	-	-	-	-	-	1	2	4	-
Metropolitan Asylum Hospitals:																	
Dartford w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchmore Hill w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Platow w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
ove Table by w:-

Marlybone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn infirmary in Upper Holloway sub-district.
London City Workhouse " Hackney sub-district.
Holborn " Hoxton New Town eastern sub-dist.
Whitechapel " Mile End Old Town eastern sub-dist.
London City " Mile End Old Town eastern sub-dist.
" " and Bromley sub-district.

* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.
Poplar & Stepney Sick Asylum " " "
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
Edmonton, and West Ham sub-districts outside Registration London.

Area, Population, Births, Deaths, &c. in Outer Ring.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 7th September, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1831.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 50 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		370,924	950,937	847	337	111	86	-	2	7	3	1	7	33	9	11	49	3	
80:1	Carshalton wL	12228	21118	10	16	1	2	-	-	-	-	-	-	1	-	-	11	-	
2	Epsom (part of)* WwH	9971	10710	9	4	-	-	-	-	-	-	-	-	1	-	-	3	-	
87:1	Godstone (part of)*	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
88:1	Croydon WwHHL	20851	101341	53	23	12	10	-	-	-	-	-	1	5	1	1	3	1	
2	Mitcham w†	11697	17982	19	4	1	-	-	-	-	2	-	-	-	-	-	1	-	
89:1	Wimbledon HHH	3220	15950	14	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston WHH	8549	38354	21	11	3	4	-	-	-	-	-	-	1	1	1	3	-	
3	Esher (part of)*	6601	9221	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton H	4573	18539	13	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond WH	2273	21302	13	5	1	-	-	-	1	-	-	-	-	-	-	1	-	
2	Mortlake	2941	12331	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
41:1	Bromley (pt. of)* HH	15669	31142	24	12	4	6	-	-	-	-	-	-	1	-	-	-	-	
2	Chislehurst (pt. of)* WHH	14307	15944	15	7	1	1	-	-	-	-	-	-	1	-	-	1	-	
42:1	Bexley H	13437	24134	29	4	2	1	-	-	-	-	-	1	-	-	-	-	-	
2	Dartford (Ww, pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury w	11055	11635	7	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Staines W	13277	12089	11	7	2	3	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon WHH	6029	10802	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge	6178	3225	4	5	1	-	-	-	-	1	-	-	-	-	-	-	-	
3	Hayes wHL	14587	11523	10	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
126:1	Isleworth WHH	7008	22727	13	8	3	2	-	-	-	-	-	-	-	1	1	1	-	
2	Twickenham H	2477	12479	6	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
3	Brentford HL	4345	27340	20	7	1	3	-	-	1	-	-	-	1	-	-	1	-	
4	Chislewick	1340	15975	16	8	2	3	-	-	1	-	-	-	-	-	-	-	-	
5	Aston wH	6033	22376	15	6	3	-	-	-	-	-	-	1	1	1	1	-	-	
127:1	Harrow H	13309	12796	7	5	1	1	-	2	-	-	-	-	-	-	-	-	-	
2	Edgware H	6994	3749	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden	4883	27433	43	12	7	2	-	-	-	-	-	-	2	-	-	-	-	
4	Hendon W	8332	10434	10	3	2	-	-	-	-	-	-	-	2	-	-	-	-	
137:1	Bushy	9331	6621	7	3	-	3	-	-	-	-	-	-	-	-	1	-	-	
2	Watford (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138:1	South Mimms	15599	6391	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet	5433	10092	4	5	1	2	-	-	1	-	-	-	-	-	-	-	-	
3	Finchley HL	4693	17615	13	5	2	1	-	-	-	-	-	-	-	-	-	3	-	
135:1	Hatfield (part of)*	3306	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Hornsey H	3039	37078	27	9	1	3	-	-	-	-	-	-	-	-	-	-	-	
2	Tottenham H	4642	46456	45	13	2	4	-	-	-	-	-	-	1	1	1	4	-	
3	Edmonton Ww†	7453	23433	30	14	3	4	-	-	1	-	-	1	-	-	-	6	-	
4	Enfield WH	12353	19104	21	6	3	2	-	-	-	-	-	-	-	2	-	-	-	
5	Waltham Abbey	11017	5363	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt	8490	7735	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford	882	33006	24	16	9	2	-	-	-	-	-	1	3	-	-	-	-	
2	West Ham wewwH‡	7351	101033	144	45	22	9	-	2	-	-	1	2	9	1	1	-	1	
3	Leyton WwL	4372	32430	45	21	6	3	-	-	-	-	-	-	2	1	1	5	-	
4	Walthamstow H	6530	28933	33	11	4	1	-	-	-	-	-	-	-	-	-	-	-	
137:1	Chigwell (part of)* H	11761	9639	5	1	-	1	-	-	-	-	-	-	-	-	2	-	1	
2	Epping (W, pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Romford (part of)* W	6730	3411	9	5	-	3	-	-	-	-	-	-	-	-	-	5	-	
2	Ilford	3493	7343	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town	4127	9203	13	2	-	1	-	-	-	-	-	-	-	1	1	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
80:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Canning and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139:1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford; 137:2, Watford, and 137:1, Epping, sub-districts.
† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).
‡ Exclusive of deaths of London residents in Street Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).
§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th September, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON	448,334	5,642,015	13·9	2·1	1507	417	351	-	11	25	33	29	30	101	56	376	
INNER LONDON -	77,410	4,351,738	14·0	2·1	1170	306	265	-	9	18	30	23	23	68	47	327	
OUTER RING -	370,924	1,290,277	13·6	2·1	337	111	86	-	2	7	3	1	7	33	9	49	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,219	July 13	-	215	25·8	-	1	-	-	-	80	35†	
BOMBAY -	773,196	" 20	-	219	26·3	1	1	-	1	-	75	39†	
MADRAS -	308,777	August 6	327	492	28·1	3	6	?	?	?	140	72	
PARIS -	2,260,945	July 12	298	274	35·7	-	21	-	-	-	69	60	
BRUSSELS -	471,606	" 31	246	178	19·6	-	2	-	-	1	1	32	
(with 8 Faubourgs.)													
AMSTERDAM -	403,083	" 31	269	142	18·4	-	1	-	3	4	-	-	
ROTTERDAM -	197,723	" 31	135	86	22·5	-	4	-	-	1	-	2	
THE HAGUE -	153,440	" 31	92	51	17·2	-	-	-	-	2	-	-	
COPENHAGEN -	307,000	" 31	191	111	18·9	-	-	1	8	-	2	15	
STOCKHOLM -	228,218	" 24	124	76	17·3	-	-	5	-	1	-	23	
CHRISTIANIA -	138,300	" 31	61	33	12·4	-	-	-	7	1	2	4	
ST. PETERSBURG	842,883	" 24	-	437	27·1	-	23	7	3	1	16	92	
BERLIN -	1,489,672	" 17	878	566	19·8	-	2	4	16	5	10	139	
HAMBURG (State)	675,276	" 24	403	244	22·1	-	-	1	4*	6	11	53	
DEESDEN -	264,196	" 24	164	109	21·5	?	-	1	4*	?	1	28	
BRESLAU -	315,000	" 31	243	161	26·7	-	-	1	4*	1	2	26	
MUNICH -	281,000	" 24	234	153	28·3	-	-	4	2*	-	-	56	
VIENNA -	811,434	" 24	498	329	21·1	-	-	1	4	4	2	61	
PRAGUE -	304,356	" 24	-	112	19·0	2	1	5	1	1	1	4	
BUDA-PESTH -	452,907	" 24	318	230	26·4	-	-	5	12	3	15	42	
TRIESTE -	158,084	" 24	-	80	26·3	-	-	1	1	-	-	13	
ROME -	404,449	July 6	227	193	24·9	-	5	1	3	1	10	53	
TURIN (11 days)-	306,398	August 10	-	-	-	-	-	-	-	-	-	-	
VENICE -	153,375	" 17	107	75	25·5	3	-	-	1	1	4	12	
CAIRO -	374,838	" 8	339	344	47·9	1	4	-	1	4	22	155	
ALEXANDRIA -	231,396	" 8	175	193	43·5	1	-	1	-	-	9	61	
NEW YORK -	1,571,300	" 17	-	751	24·9	-	1	-	22	12	15	156	
BROOKLYN -	814,505	" 17	-	874	23·4	-	-	1	19	7	4	52	
PHILADELPHIA -	1,040,245	" 17	-	339	19·5	-	-	4	7	2	18	61	
BALTIMORE -	500,343	" 17	-	193	20·1	-	-	2	1	1	8	50	

* Including deaths from croup.

† Including 17 deaths from cholera, in each week, in Calcutta, 18 in Bombay, and 1 in Madras.

‡ Including 6 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, SEPTEMBER 7TH, 1899.
[Under the Superintendence of the Astronomer Royal.]

1899. MONTH AND DAY.		TEMPERATURE.										Difference between the Air Temperature and Dew Point Temperature.				Degree of Humidity (Satu- ration 100).		Of Radiation.		Of the Water of the Thames at Deptford.		Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		Phases of the Moon.		Baro- meter.		Of the Air.						Of the Point.		Mean Daily Range.		Mean Daily Range.		Mean Daily Range.		Of the Point.		General Direction.		Pressure on the Square Foot.			Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Mean and re- cted resulting Fahren- heit).	High- est.	Low- est.	Daily Range.	Mean Daily value.	De- parture from average value. 10 years.	Mean Daily value.	Great- est.	Least.	High- est.	Low- est.	High- est.	Low- est.	High- est.	Low- est.	High- est.	Low- est.	High- est.	Low- est.	High- est.	Low- est.	High- est.		Low- est.	High- est.	Low- est.	High- est.	Low- est.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		SEPTEMBER.		in.		°		°		°		°		°		°		°		°		°		°			°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°		°

DATE.		ELECTRICITY. (For explanation of symbols, see Notes.)		Registered Sun above Sunrise, Horizon, in hours.		GENERAL REMARKS.	
SEPTEMBER.							
1	SUNDAY	1	6.5	13.5		Overcast in morning; very fine and generally cloudless afterwards.	The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.
2	MONDAY	2	8.0	13.4		Overcast in early morning; cloudy and fine till afternoon; overcast afterwards. Thunderstorms with heavy rain at night.	Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometers is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.
3	TUESDAY	3	0.0	13.4		Light showers with lightning and thunder in early morning; heavy rain at 8h. A.M.; overcast and gloomy with slight rain till 1h. P.M.; fine afterwards. Lightning and distant thunder at and about 8h. P.M. Overcast in morning; very fine with haze till evening; overcast afterwards.	The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.
4	WEDNESDAY	4	3.2	13.3		Overcast in morning; very fine with haze till evening; overcast afterwards.	In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.
5	THURSDAY	5	0.0	13.2		Overcast till evening; cloudless with slight fog at night.	The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.
6	FRIDAY	6	8.5	13.2		Variable and foggy in morning; very fine with little cloud till afternoon; afterwards cloudless.	The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.
7	SATURDAY	7	1.4	13.1		Generally overcast till noon; partially cloudy and fine till evening; cloudless at night.	The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.
			Sum 22.6	Sum 93.1			The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.
							The reading of the barometer increased from 29.98 in. at the beginning of the week to 30.04 in. by 10h. A.M. on the 1st; decreased to 29.82 in. by 9h. A.M. on the 7th; increased to 30.12 in.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 37. 1889. VOL. L.] WEEK ENDING SATURDAY, SEPTEMBER 14. [Price 1½d.

General Register Office, Somerset House,
16th September, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.		Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.
Birkenhead	18·8	20·9	15·8	13·7	Liverpool -	19·0	19·7	18·2	19·6
Birmingham	15·9	15·0	17·3	15·0	London -	14·9	15·1	14·0	14·8
Blackburn -	18·1	23·2	19·4	26·7	Manchester -	24·4	23·4	20·7	21·1
Bolton -	15·0	16·8	20·5	20·9	Newcastle-on-Tyne*	29·2	25·6	26·9	25·6
Bradford*	12·4	20·4	18·2	14·2	Norwich -	14·9	14·9	18·2	16·0
Brighton -	11·1	13·7	15·0	13·3	Nottingham -	15·4	14·7	16·9	14·7
Bristol -	20·5	16·4	13·9	18·0	Oldham -	14·7	13·2	15·0	16·1
Cardiff*	25·5	13·9	19·0	16·2	Plymouth -	34·0	24·0	25·4	31·4
Derby -	14·3	9·0	15·9	13·2	Portsmouth -	21·1	15·1	19·6	18·5
Halifax -	16·7	17·4	16·1	27·0	Preston -	26·5	24·5	26·0	27·5
Huddersfield	14·6	14·6	16·9	15·7	Salford* -	19·4	18·0	18·3	13·4
Hull -	23·6	21·3	17·6	18·1	Sheffield -	21·5	18·2	14·8	18·7
Leeds -	15·8	17·8	18·8	17·4	Sunderland -	23·3	22·6	20·6	25·7
Leicester*	18·0	9·7	13·2	14·2	Wolverhampton -	20·2	29·7	14·5	18·3

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·3 in Newcastle-upon-Tyne; from *scarlet fever*, 1·1 in Oldham and in Huddersfield, 1·4 in Bolton, and 8·7 in Plymouth; from *whooping-cough*, 1·1 in Huddersfield; from "*fever*," 1·0 in Preston and 1·3 in Nottingham; and from *diarrhæa*, 4·0 in Plymouth, 4·8 in Hull, 5·2 in Newcastle-upon-Tyne, 6·5 in Blackburn, and 7·5 in Preston. The 56 deaths from *diphtheria* included 41 in London, 2 in Manchester, and 2 in Derby. No death from *small-pox* was recorded in any of the twenty-eight great towns.

LONDON.

In LONDON 2432 BIRTHS and 1236 DEATHS were registered. Allowing for increase of population, the births were 285, and the deaths 180, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6, 14·9, 15·1, and 14·0 in the four preceding weeks, rose again last week to 14·8. During the first eleven weeks

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

of the current quarter the mean death-rate was 16·6 per 1000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1236 deaths included 10 from measles, 17 from scarlet fever, 41 from diphtheria, 18 from whooping-cough, 19 from enteric fever, 2 from ill-defined forms of continued fever, 68 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 175 deaths were referred to these diseases, being 83 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 6; and no case of this disease was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 12 and 9 in the two preceding weeks, were last week 10, and were 10 below the corrected average; 2 belonged to St. Giles and 2 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had increased in the four preceding weeks from 13 to 18, were last week 17, and were 22 below the corrected average; 2, of a mother and child, belonged to Fulham sanitary area. The Metropolitan Asylum and London Fever Hospitals contained 1111 scarlet fever patients on Saturday last, against numbers increasing in the eleven preceding weeks from 559 to 1021; 151 cases were admitted to these hospitals during the week, against 98, 136, and 121 in the three preceding weeks. The deaths from *diphtheria*, which had been 37, 32, and 30 in the three preceding weeks, rose again last week to 41 (of which 17 occurred in hospitals), and exceeded the corrected average by 22; 2 belonged to Paddington, 4 to Kensington, 3 to Islington, 2 to Hackney, 2 to Strand, 4 to Bethnal Green, 3 to Poplar, 7 (including 2 in Prague Street) to Lambeth, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The 18 deaths from *whooping-cough* showed a decline of 10 from the number in the previous week, and were 15 below the corrected average; 2 belonged to Poplar, 2 to Newington, and 4 to Lambeth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had declined in the eight preceding weeks from 273 to 68, were last week 68, and were 48 below the corrected average; 45 were of infants under one year of age, and 17 of children aged between one and five years.

The deaths referred to *enteric fever*, which had increased in the four preceding weeks from 8 to 21, declined last week to 19, and corresponded with the corrected average; 2 belonged to Hammersmith, 4 to Hackney, 2 to Whitechapel, 2 to Poplar, and 2 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 79 cases of enteric fever, and one of typhus, on Saturday last; 13 cases of enteric fever were admitted during the week, against 13 and 7 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 148 and 142 in the two preceding weeks, rose again last week to 152, but were 29 below the corrected average.

Different forms of violence caused 49 deaths, concerning all but 2 of which inquests were held. Of these 49 deaths, 8 were cases of suicide, while the remaining 41 deaths were attributed to accident or negligence. Two of these 41 deaths were caused by vehicles in the streets, 3 by burns and scalds, 3 by drowning, 3 (including 2 from plumbism) by poison, and 5 of infants under one year of age by suffocation.

GREATER LONDON.

In Greater London 3215 births and 1551 deaths were registered, corresponding to annual rates of 29·7 and 14·3 per 1000 of the estimated population. In the Outer Ring 19 deaths from diarrhoea, 7 from whooping-cough, 5 from "fever" and 4 from diphtheria were registered. Of the deaths in West Ham sub-district, 8 resulted from diarrhoea and 4 from "fever".

Professor Frankland's report upon the quality of the water supplied by the various Companies to the Metropolitan area during August will be found on pages 379-80.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·02 ins.; the lowest reading was 29·92 ins. at midday on Sunday, and the highest 30·18 ins. at the end of the week. The mean temperature of the *air* was 63°·0, and 4°·8 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on Sunday, but showed an excess on each of the other days of the week. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 6·7 miles per hour, which was 4·9 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 43·4 hours, against 52·2 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of AUGUST 1889; according to their returns 178,075,702 gallons or 809,079 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 236 gallons (107·2 decalitres), rather more than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 30·3 gallons (13·8 decalitres) to each person, against 29·9 gallons during August 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	AUGUST. 1888.	AUGUST. 1889.	AUGUST. 1888.	AUGUST. 1889.
TOTAL SUPPLY	741,399	754,464	172,869,385	178,075,702
From Thames	357,392	363,624	85,944,463	88,548,191
From Lea and from other Sources	384,007	390,840	86,924,922	89,527,511
THAMES.				
Chelsea	34,653	35,070	9,642,824	9,592,104
West Middlesex	70,486	71,971	15,724,078	15,760,082
Southwark and Vauxhall	109,897	111,370	24,672,099	25,406,846
Grand Junction	54,632	55,617	17,291,962	17,725,159
Lambeth	87,724	89,596	18,613,500	20,064,000
LEA AND OTHER SOURCES.				
New River	150,673	152,754	32,214,000	33,171,000
East London	162,402	165,581	41,923,584	43,597,343
Kent	70,932	72,505	12,787,338	12,759,168

Note.—The Return for August 1889, as compared with that for the corresponding month of 1888, shows an increase of 13,065 houses, and of 5,206,317 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING AUGUST.

*Water-analysis Laboratory, The Yews, Reigate,
13th September, 1889.*

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of August.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·4, New River 1·1, East London 1·2, Colne Valley 1·3, Tottenham and West Middlesex 1·6, Southwark and Grand Junction 1·8, Chelsea and Lambeth 1·9.

The water drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was, again, as respects organic matter, of unusually good quality, even for this season, when the river is fed to a large extent by springs in the chalk and oolite. Of the five Companies drawing from this source, the West Middlesex Company delivered the best water. All these waters were efficiently filtered.

The water abstracted chiefly from the River Lea by the New River and East London Companies was also of high organic purity, surpassing in this respect two of the deep-well supplies. It was efficiently filtered.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity, the Kent supply being especially distinguished in this respect. All these waters were clear and bright, that of the Colne Valley Company was softened before delivery, and was thus rendered suitable for washing.

Seen through a stratum two feet deep, the waters presented the following appearances:— Kent, Colne Valley, Tottenham, and New River, clear and colourless; East London clear and nearly colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "clear and yellowish green in a two two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	August 26th. Chelsea - - - { Cab Rank, Horse Guards, Whitehall. }	16°8	23·82	·095	·021	0	·145	·166	1·7	15·4
	West Middlesex	August 26th. - { Cab Rank, Portland-road. }	17°3	24·52	·077	·018	0	·158	·176	1·7	17·5
	Southwark	August 26th. - { Cab Rank, Bricklayers Arms, Old Kent-road. }	16°9	26·50	·086	·018	0	·156	·174	1·7	18·3
	Grand Junction	August 26th. - { Cab Rank, Uxbridge-road, near Marble Arch. }	16°1	25·92	·093	·023	0	·175	·198	1·7	18·3
	Lambeth	August 26th. - { Cab Rank, St. George's- road, Southwark. }	16°9	26·60	·092	·018	0	·158	·176	1·7	18·0
	LEA.	August 26th. New River - - { Cab Rank, Tottenham Court-road. }	16°4	23·18	·052	·014	0	·209	·223	1·8	19·1
	East London	August 26th. - { Fire Brigade Station, Commercial-road, E. }	16°5	27·88	·054	·018	0	·208	·226	1·9	18·9
Outer Circle.	DEEP WELLS.	August 26th. Kent - - - { Mill Lane, Deptford. }	12°7	43·60	·020	·006	0	·537	·543	2·7	28·6
	Colne Valley	August 27th. - { Bushey. }	—	18·74	·060	·016	·009	·404	·427	2·1	7·1
	Tottenham	August 27th. - { Tottenham. }	—	50·60	·080	·011	·017	·573	·598	3·4	25·7
Corporation of Birming- ham*		August 14th. Police Station, Lady Wood-road. }	16°7	26·68	·150	·037	·001	·154	·192	1·6	14·2
Corporation of Glasgow†.		August 15th. Loch Katrine Water. }	15°0	2·60	·141	·028	0	·004	·032	0·7	0·95
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 26th August at the Horse Guards cab-rank, had a temperature of 16°·8 C.; 100,000 lbs. of it contained 23·82 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·095 lb. of carbon and ·021 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·145 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·166 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 15·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 14th September, 1899.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1896.		Registered during the Week ending 14th Sept., 1899.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGH.	
	1.	2.	3.	4.	Deaths of		Deaths from						Inquest Cases.	Unidentified (Causes of Death).	From All Causes.	From Diseases in Cols. 6-12.	Mean.			In Inches.	In Cent.			
					Persons aged 60 Years and upwards.	Infants under 1 Year of Age.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Pneumonia.					Diarrhoea.	Violence.						
																			Highest.			Lowest.		Fahrenheit.
Colts.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.
28 TOWNS*	9,555,406	5443	3062	879	614	-	30	72	56	45	54	272	120	217	539	68	16.7	2.9	81.8	46.1	60.6	15.89	0.06	0.15
LONDON	4,851,738	2432	1286	313	282	-	10	17	41	18	21	68	49	101	316	13	14.8	2.1	81.8	46.1	63.0	17.22	0.00	0.00
BRIGHTON	121,807	47	31	6	12	-	1	1	1	-	2	2	1	3	7	5	13.3	2.1	71.0	51.0	60.0	15.56	0.00	0.00
PORTSMOUTH	141,253	84	50	9	19	-	-	1	1	-	1	1	1	2	1	1	16.0	1.7	-	-	-	-	-	-
NORWICH	94,510	50	29	10	9	-	-	13	1	1	1	6	-	2	2	2	31.4	1.7	-	-	-	-	0.06	0.15
PLYMOUTH	78,225	47	47	12	9	-	-	-	1	3	1	6	3	5	15	-	18.0	2.5	73.2	48.0	60.4	15.78	0.00	0.00
BRISTOL	229,361	113	79	23	20	-	-	-	-	-	1	6	2	2	6	-	18.3	5.1	73.2	49.0	59.5	15.28	0.04	0.10
WOLVERHAMPTON	82,544	51	29	10	6	-	1	-	-	-	-	6	2	2	6	-	18.3	5.1	73.2	49.0	59.5	15.28	0.04	0.10
BIRMINGHAM	454,835	241	131	40	23	-	4	3	1	2	1	14	9	12	25	1	15.0	2.9	-	-	-	-	-	-
LEICESTER*	150,520	87	41	16	12	-	-	-	-	1	1	5	-	1	8	2	14.2	2.1	-	-	-	-	-	-
NOTTINGHAM	237,812	125	67	20	6	-	-	1	-	1	6	4	4	8	4	-	14.7	2.6	74.5	51.4	60.8	16.06	0.05	0.13
DERBY	18,529	54	25	7	5	-	-	-	2	-	1	4	-	-	3	1	13.2	3.7	-	-	-	-	-	-
BIRKENHEAD	102,511	54	27	5	7	-	1	1	-	-	1	1	-	-	5	-	13.7	1.5	-	-	-	-	-	-
LIVERPOOL	606,562	331	228	64	22	-	2	8	1	2	5	21	23	23	40	13	19.6	3.4	72.5	49.8	59.8	15.44	0.06	0.15
BOLTON	114,670	64	46	17	5	-	-	3	1	2	-	4	1	2	2	2	20.9	4.5	-	-	-	-	-	-
MANCHESTER	378,800	255	153	46	18	-	2	4	2	1	1	12	8	13	34	-	21.1	3.0	-	-	-	-	-	-
SALFORD*	234,283	125	60	16	6	-	-	3	1	1	1	8	-	4	7	5	13.4	3.1	-	-	-	-	-	-
OLDHAM	142,405	95	44	10	7	-	1	3	-	-	-	1	1	4	3	3	16.1	1.8	-	-	-	-	-	-
BLACKBURN	121,275	83	62	29	9	-	-	1	-	-	-	15	3	5	8	2	26.7	6.9	-	-	-	-	-	-
PRESTON	104,194	85	55	29	12	-	1	-	-	-	2	15	-	-	3	1	27.5	9.0	-	-	-	-	-	-
HUDDESFIELD	92,825	35	28	6	4	-	1	2	1	2	-	-	-	-	3	2	15.7	3.4	-	-	-	-	-	-
HALIFAX	81,080	42	42	13	11	-	-	-	1	-	1	2	-	-	3	1	27.0	2.6	-	-	-	-	-	-
BRADFORD	225,066	120	64	12	16	-	-	4	-	3	-	5	1	2	4	-	14.2	2.7	71.4	53.1	60.7	15.94	0.10	0.25
LEEDS	357,449	205	119	40	28	-	1	3	-	3	3	14	3	5	11	4	17.4	3.5	-	-	-	-	-	-
SHEFFIELD	327,227	189	117	39	22	-	-	3	1	3	-	14	4	6	9	8	18.7	3.3	-	-	-	-	-	-
HULL	208,017	138	72	26	22	-	-	2	-	2	1	19	2	2	5	3	15.1	5.5	-	-	-	-	-	-
SUNDERLAND	184,193	97	66	26	8	-	2	2	-	-	4	3	5	3	2	2	25.7	3.1	-	-	-	-	-	-
NEWCASTLE*	160,983	115	79	36	7	-	-	-	-	-	-	1	16	-	3	1	25.6	6.8	71.0	50.0	59.6	15.33	0.25	0.63
CARDIFF*	112,712	79	35	9	7	-	-	-	-	-	2	8	-	5	4	2	16.2	2.3	-	-	-	-	-	-
EDINBURGH	268,900	140	77	19	23	-	-	1	2	4	2	8	5	9	22	11	15.1	3.3	69.5	43.9	59.1	15.06	0.02	0.05
GLASGOW	55,114	368	200	58	31	-	5	-	2	6	4	17	7	9	33	19	19.8	3.4	-	-	-	-	-	-
DUBLIN	355,062	200	166	46	83	-	-	1	-	-	4	15	2	4	36	35	24.5	3.0	72.0	49.1	59.7	15.39	0.07	0.13

* See note on first page of this Return

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-SEVENTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2394	2382	2493	2430	2488	2604	2542	2589	2506	2488	2717.0	2432
Males . .	1199	1213	1245	1248	1256	1340	1330	1284	1283	1270	1381.4	1279
Females .	1195	1169	1248	1182	1232	1264	1212	1305	1223	1218	1335.6	1153
TOTAL Deaths	1262	1438	1151	1269	1260	1373	1231	1403	1266	1330	1415.7	1236
Males . .	663	764	580	634	661	686	633	724	658	664	727.0	652
Females .	599	674	571	635	599	687	598	679	608	666	688.7	584

The numbers in this column are the average weekly numbers in the thirty-seventh weeks of the ten years 1879-88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 22.	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.
TOTAL Births	2636	2467	2507	2306	2627	2376	2481	2180	2715	2358	2425	2378	2432
TOTAL Deaths	1243	1265	1350	1605	1556	1553	1532	1366	1332	1240	1263	1170	1236
Ages at Death													
{ 0-20 years	575	572	722	902	908	893	850	739	727	628	569	535	583
{ 20-40 "	180	179	168	151	164	166	161	139	160	140	172	151	164
{ 40-60 "	218	232	221	232	197	223	209	222	202	197	235	219	207
{ 60-80 "	225	229	205	257	245	212	261	216	235	223	240	216	233
{ at 80 years & upwds.	45	53	34	63	42	49	51	50	58	52	47	49	49
"													
{ Under 1 year	281	315	429	617	631	599	555	463	447	387	331	306	313
{ 1-5 "	203	189	203	196	197	216	193	195	195	163	156	141	204
{ 5-20 "	91	68	85	89	80	83	102	76	85	78	82	88	66
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	23	33	31	30	29	20	25	15	18	9	12	9	10
" " Scarlet fever	17	10	9	9	12	6	11	16	13	16	17	18	17
" " Diphtheria	27	13	38	25	23	44	45	28	86	87	32	30	41
" " Whooping-cough	27	27	32	26	29	19	22	19	17	20	21	28	18
" " Typhus	-	-	-	-	-	-	-	2	-	-	-	1	-
" " Enteric fever	7	8	8	8	7	8	8	6	8	11	12	21	19
" " Simple Cont ^d fever	-	1	-	2	-	1	-	1	-	-	-	1	2
" " Diarrhoea and Dysentery	40	57	155	253	273	271	199	175	158	109	78	63	63
" " Cholera	-	-	5	10	10	10	4	4	4	2	1	3	-
" " all the above-mentioned Diseases	141	149	278	368	383	379	314	266	254	204	173	179	175
" " Dis. of Respiratory System	171	169	143	158	141	160	182	149	162	115	148	142	152
" " Phthisis	155	137	138	127	136	150	126	128	135	139	149	134	137
" " Dis. of Circulatory System	128	99	94	117	102	91	110	93	111	104	93	95	102
Violent Deaths	53	39	51	83	43	60	70	65	49	56	51	47	49
Inquest Cases	105	90	90	129	83	113	115	114	108	93	99	86	101
Deaths in Public Institutions	324	314	280	356	348	314	325	320	319	279	335	327	316
TEMPERATURE OF THE AIR													
Mean	59.6	64.1	63.3	63.0	58.7	58.1	64.9	60.4	59.3	57.8	60.2	60.5	63.0
Mean of Highest readings	72.4	77.1	74.6	72.9	69.9	67.7	76.2	72.8	69.7	68.1	73.0	69.1	74.6
Mean of Lowest readings	49.7	52.1	53.7	56.2	51.3	51.9	55.3	52.0	52.5	51.1	48.5	55.2	53.8
Humidity of the Air	76	71	71	80	80	82	76	80	82	80	74	83	76
Rain-fall in inches	0.00	0.02	0.00	0.72	0.43	0.90	0.20	0.46	0.19	0.98	0.00	0.54	0.00
Registered Sunshine (in hours)	65.3	54.1	51.3	23.0	28.1	26.5	36.5	46.0	26.8	26.2	53.9	22.6	43.4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SEVENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 37th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 14th September 1889.								CAUSES OF DEATH.	Corrected Averages for the 37th Weeks of the 10 Years 1879-88.*	In the Week ending Saturday, 14th September 1889.										
		Deaths of Persons of the Ages										Deaths of Persons of the Ages										
		ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.							
		0-1.	1-5.	5-20.							0-1.	1-5.	5-20.									
ALL CAUSES - -	1415.7	1236	313	204	66	164	207	233	49	Diseases of Organs of Special Sense † - -	2.3	1	-	-	-	-	-	1	-	-	-	-
Small-pox { Vaccinated † - -	5.6	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	90.4	102	3	1	9	17	23	37	7	-	-	
Unvaccinated - - -		-	-	-	-	-	-	-	-	Croup - - - - -	12.1	8	1	7	-	-	-	-	-	-	-	
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - -	97.4	72	14	24	1	3	8	18	5	-	-	
Measles - - - - -	20.2	10	3	7	-	-	-	-	-	Pneumonia - - -	49.0	52	12	18	-	-	5	9	1	-	-	
Scarlet Fever - -	38.8	17	3	8	5	1	-	-	-	Pleurisy - - - -	3.6	5	2	-	-	1	1	1	-	-	-	
Erythema - - - -	0.7	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	19.1	15	3	3	1	-	4	4	-	-	-	
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	9.4	11	7	4	-	-	-	-	-	-	-	
Infuenza - - - -	0.1	-	-	-	-	-	-	-	-	Quincy, Sore Throat † -	1.5	-	-	-	-	-	-	-	-	-	-	
Whooping-cough -	33.0	18	6	12	-	-	-	-	-	Enteritis - - - -	11.6	21	11	1	3	2	1	3	-	-	-	
Diphtheria - - -	18.9	41	2	30	9	-	-	-	-	Peritonitis - - -	5.7	5	-	-	3	-	1	1	-	-	-	
Simple Continued and Ill-defined Fever -	1.7	2	1	-	-	-	1	-	-	Diseases of Liver - -	29.8	32	4	-	-	3	15	10	-	-	-	
Enteric Fever - -	18.9	19	-	1	4	11	2	1	-	Other Diseases of Digestive System -	27.5	33	11	2	2	4	10	7	-	-	-	
Cholera - - - - -	3.4	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - -	1.8	-	-	-	-	-	-	-	-	-	-	
Diarrhoea, Dysentery	116.3	68	45	17	-	1	3	1	-	Diseases of Urinary System - - -	34.6	35	-	3	-	6	14	11	1	-	-	
Remittent Fever - -	0.2	-	-	-	-	-	-	-	-	Diseases of Generative System - - -	4.8	1	-	-	-	-	1	-	-	-	-	
Hydrophobia - -	0.1	-	-	-	-	-	-	-	-	Accidents of Childbirth -	3.7	-	-	-	-	-	-	-	-	-	-	
Glanders - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	7.0	4	-	1	1	2	-	-	-	-	-	
Cowpox and Effects of Vaccination † - -	6.2	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - -	5.6	5	2	-	-	-	-	2	1	-	-	
Veneral Affections	13.2	7	6	-	-	-	1	-	-	VIOLENT DEATHS. ‡												
Erysipelas - - -	6.1	2	-	-	2	-	-	-	-	(ACCIDENT.)												
Pyæmia and Septicæmia †	3.3	1	-	-	1	-	-	-	-	Fracture and Contusion -	21.7	23	2	-	6	7	8	3	-	-	-	
Puerperal Fever - -	3.7	2	-	-	2	-	-	-	-	Gunshot Wound - - -	0.2	-	-	-	-	-	-	1	-	-	-	
Other Zymotic Diseases †	0.8	1	-	1	-	-	-	-	-	Cut, Stab - - - -	0.2	1	-	-	-	-	-	-	-	-	-	
Thrush - - - - -	3.1	2	2	-	-	-	-	-	-	Burn and Scald - - -	4.3	3	-	2	-	-	-	1	-	-	-	
Worms and other Parasitical Diseases - - -	0.3	1	-	-	1	-	-	-	-	Poison - - - - -	1.3	3	-	-	-	-	3	-	-	-	-	
Starvation, Want of Breast-milk † - -	2.0	3	3	-	-	-	-	-	-	Drowning - - - -	8.0	3	-	-	1	1	1	-	-	-	-	
Alcoholism - - -	4.4	8	-	-	2	5	1	-	-	Suffocation - - -	9.8	5	5	-	-	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart †	7.0	9	-	1	3	3	2	-	-	Otherwise - - - -	2.6	-	-	-	-	-	-	-	-	-	-	
Rheumatism † - -	2.0	2	-	-	-	1	1	-	-	(HOMICIDE.)												
Gout - - - - -	2.9	5	-	-	-	-	4	-	-	Murder & Manslaughter	1.6	-	-	-	-	-	-	-	-	-	-	
Rickets † - - - -	3.8	2	1	1	-	-	-	-	-	(SUICIDE.)												
Cancer - - - - -	54.2	50	1	-	6	18	24	1	-	Gunshot Wound - - -	0.2	1	-	-	-	1	-	-	1	-	-	
Tuberc Mesenterica	44.5	29	14	12	2	1	-	-	-	Cut, Stab - - - -	1.1	1	-	-	-	-	-	-	-	-	-	
Tubercular Meningitis	26.4	18	4	11	1	2	-	-	-	Poison - - - - -	1.5	1	-	-	-	-	-	-	-	-	-	
Phthisis - - - -	159.5	137	2	5	3	64	48	13	-	Drowning - - - -	1.7	1	-	-	1	-	-	-	-	-	-	
Scrophula, Tuberculosis	19.2	13	3	4	4	-	1	1	-	Hanging - - - -	1.3	3	-	-	-	-	2	1	-	-	-	
Other Constitutional Diseases † - -	8.1	7	-	-	-	1	3	3	-	Otherwise - - - -	1.1	2	-	-	-	1	1	-	-	-	-	
Premature Birth - -	35.0	35	35	-	-	-	-	-	-	(EXECUTION.)												
Atelectasis † - - -	1.7	3	3	-	-	-	-	-	-	Hanging - - - -	0.0	-	-	-	-	-	-	-	-	-	-	
Congenital Malformations -	6.1	11	10	1	-	-	-	-	-	OTHER CAUSES † - -	71.5	56	50	1	-	-	2	3	-	-	-	
Old Age - - - - -	45.3	59	-	-	-	-	32	27	-													
Apoplexy - - - -	39.7	24	-	-	3	8	11	2	-													
Epilepsy - - - -	6.0	9	-	2	4	2	1	-	-													
Convulsions - - -	40.2	33	30	8	-	-	-	-	-													
Other Diseases of Brain and Nervous System	73.4	73	12	13	5	6	9	20	3													

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.04 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 8. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DYPHTERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, INQUEST CASES, DEATHS IN PUBLIC INSTITUTIONS, during the Week ended

		The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from												Deaths in Public Institutions.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.		
LONDON		3,815,704	2432	1236	313	282	-	10	17	41	13	-	19	2	63	49	101	31	
WEST DISTRICTS		689,688	373	209	44	53	-	-	3	9	2	-	3	-	11	9	25	66	
NORTH DISTRICTS		905,947	543	273	74	53	-	2	4	9	4	-	5	-	15	8	21	72	
CENTRAL DISTRICTS		382,288	147	88	22	17	-	2	-	3	-	-	2	-	3	7	12	23	
EAST DISTRICTS		692,738	479	252	64	51	-	2	4	6	3	-	6	-	13	12	22	83	
SOUTH DISTRICTS		1,265,143	885	414	100	103	-	4	6	14	9	-	3	2	26	13	21	72	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.		69888	56	17	5	6	-	-	-	-	-	-	-	-	-	-	2	3	
St. John Paddington H - G.J.		37380	7	21	4	4	-	-	-	2	-	-	-	-	1	1	4	13	
Kensington Town W - W.M.		120141	58	28	8	8	-	-	-	3	-	-	1	-	5	-	2	8	
Brompton H - W.M. & C.		48010	16	8	1	1	-	-	-	-	-	-	-	-	-	-	-	2	
St. Peter Hammersmith - W.M.		7399	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	33	23	3	4	-	-	1	1	-	-	-	-	-	3	2	2	
Fulham W - W.M. & C.		42900	37	29	7	8	-	-	2	1	1	-	-	-	2	1	3	6	
Chelsea South HHH - C.		6896	21	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chelsea North-west WHHHHH C.		24925	21	15	2	2	-	-	-	-	-	-	-	-	2	-	-	13	
Chelsea North-east - C.		32807	23	7	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair W - G.J.		30353	9	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
Belgrave WHHH - C.		59220	31	10	1	5	-	-	1	-	-	-	-	-	1	2	2	6	
St. John Westminster HHH - C.		35498	24	17	2	4	-	-	1	1	-	-	-	-	-	3	5	6	
St. Margaret Westminster H - C.		24879	8	11	2	2	-	-	1	-	-	-	-	-	1	1	2	6	
St. James Westminster WHH N.R. & G.J.		29041	13	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Anne Soho HHHHHH - N.R.		18608	18	5	1	2	-	-	-	-	-	-	-	-	-	1	1	-	
NORTH DISTRICTS.																			
All Souls Marylebone HHHH - W.M.		26789	8	11	-	2	-	-	-	-	-	-	-	-	-	2	2	8	
Cavendish Square HHHH - W.M.		14891	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.		24809	14	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Maryleb. HHH G.J. & W.M.		21118	27	5	1	-	-	-	-	-	-	-	-	-	-	-	1	1	
Christchurch Marylebone HH - W.M.		33700	27	10	5	-	-	-	-	1	-	-	1	-	-	-	-	-	
St. John Marylebone H - W.M.		33633	9	8	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead W - W.M.		45452	59	14	4	3	-	1	1	1	-	-	-	-	1	-	-	2	
Regent's Park Pancras H - W.M.		39115	26	5	2	1	-	-	-	-	-	-	-	-	1	-	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	14	20	3	2	-	-	-	1	-	-	-	-	1	1	2	12	
Gray's Inn Lane HHH - N.R.		30247	15	6	2	-	-	-	-	-	-	-	-	-	-	-	-	3	
Somers Town H - N.R.		34389	21	11	4	2	-	1	-	-	-	-	-	-	1	-	2	1	
Camden Town WH - N.R.		17311	10	13	8	7	-	-	-	1	-	-	-	-	1	1	2	8	
Kentish Town W - N.R.		37487	51	20	8	7	-	-	-	-	-	-	-	-	1	2	3	3	
Upper Holloway WW - N.R.		67946	51	29	7	11	-	1	-	-	1	-	-	-	-	-	-	17	
Islington South-west HH - N.R.		100976	62	31	13	5	-	-	-	-	-	-	-	-	1	-	-	-	
Islington South-east - N.R.		81925	33	12	3	1	-	-	-	-	-	-	-	-	2	-	-	-	
Highbury H - N.R.		32048	19	7	1	2	-	-	-	1	-	-	-	-	-	-	1	-	
Stoke Newington H - N.R.		22781	15	9	2	2	-	-	-	-	-	-	1	-	1	-	-	-	
Stamford Hill - E.L.		9277	4	3	1	1	-	-	-	-	-	-	-	-	1	-	-	-	
West Hackney H - N.R.		37610	18	6	3	-	-	-	-	-	-	-	-	-	-	1	-	-	
Hackney W - E.L. & N.R.		76911	57	35	4	6	-	2	5	-	3	-	-	1	2	2	3	16	
South Hackney - E.L.		39883	21	9	3	1	-	-	-	-	-	-	-	-	1	1	-	-	
CENTRAL DISTRICTS.																			
St. George Bloomsbury - N.R.		16681	6	4	2	1	-	-	-	-	-	-	-	-	1	1	1	-	
St. Giles South WH - N.R.		14964	6	9	2	-	-	1	-	-	-	-	-	-	-	-	-	-	
St. Giles North - N.R.		13887	8	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17509	7	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand H - N.R.		7515	2	2	1	-	-	-	-	3	-	-	-	-	-	1	1	5	
St. Clement Danes H - N.R.		8559	4	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strand Union Workhouse, Edmonton w.		-	1	1	-	1	-	-	-	-	-	1	-	-	1	-	-	2	
St. Geo.-the-Martyr HHHHHH N.R.		18671	11	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Andrew Eastern W - N.R.		10706	5	4	1	2	-	-	-	-	-	-	-	-	-	1	2	3	
Saffron Hill H - N.R.		6538	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	
St. James Clerkenwell - N.R.		17516	15	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - N.R.		19281	13	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - N.R.		14773	9	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - N.R.		17506	12	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - N.R.		11541	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - N.R.		18628	16	2	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Whitcross-street - N.R.		9217	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - N.R.		7463	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham, w.		-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - N.R. & E.L.		11174	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
Cripplegate - N.R.		7193	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - N.R.		5338	1	11	-	3	-	-	-	-	-	-	-	-	1	-	1	-	
St. Bride W - N.R.		8396	2	3	-	1	-	-	-	-	-	-	-	-	-	4	5	8	
Allhallows Barking - N.R.		13666	1	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - N.R.		5652	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	1	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; —A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., signifies Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th September, 1899.

Registration District and Sub-district Numbers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, including Tidal Water and Fore-shore.	Enumerated Population, 1881.	BIRTHS.	DEATHS.	DEATHS REGISTERED IN THE WEEK ENDING—												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
LONDON—OUTER RING		370,924	950,957	783	315	87	89	-	1	3	4	7	5	19	12	17	37	1
30: 1	Carshalton wL -	12228	21118	13	5	-	1	-	-	-	-	1	-	-	-	-	1	-
2	Epsom (part of)* WwH	9971	10710	4	4	-	2	-	-	-	-	-	-	-	-	-	1	-
37: 1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon WwHHL -	20851	101241	81	34	11	12	-	-	-	-	-	-	1	1	1	7	-
2	Mitcham w† -	11697	17932	14	4	2	-	-	-	-	-	1	-	-	1	1	-	-
39: 1	Wimbledon HHH -	3220	15950	20	6	2	1	-	-	-	-	-	-	-	-	1	1	-
2	Kingston WHH -	8549	36354	27	10	1	3	-	-	-	-	-	-	-	-	-	4	-
3	Esher (part of)* -	6601	9221	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton H -	4573	18539	6	3	-	1	-	-	-	-	-	-	-	1	1	-	-
40: 1	Richmond WH -	2372	21302	16	6	1	2	-	-	-	-	-	-	-	-	-	1	-
2	Mortlake -	2941	12331	6	6	1	2	-	-	-	-	-	-	-	-	-	-	-
41: 1	Bromley (pt. of)* HH	15689	81142	21	3	1	1	-	-	-	-	1	-	-	-	-	-	-
2	Chislehurst (pt. of)* WHH	14307	15844	8	3	-	1	-	-	-	-	-	-	1	-	-	-	-
42: 1	Bexley H -	13437	24134	9	9	5	3	-	-	-	-	-	1	1	1	1	-	-
2	Dartford (Ww, pts. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury w -	11055	11635	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Staines W- -	13277	12099	5	5	-	3	-	-	-	-	-	-	-	-	-	2	-
125: 1	Hillingdon WHH -	6029	10802	5	5	1	-	-	-	1	-	-	-	-	-	-	1	-
2	Uxbridge -	6178	3225	6	3	1	1	-	-	-	-	-	-	-	1	1	-	-
3	Hayes wHL -	14587	11523	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
126: 1	Isleworth WHH -	7008	22727	13	2	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham H -	2477	12479	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford HL -	4345	27849	18	8	3	3	-	-	-	-	-	-	-	-	1	1	-
4	Chiswick -	1340	15975	16	4	1	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton wH -	6038	22876	17	9	4	3	-	-	-	-	-	-	1	1	2	-	-
127: 1	Harrow H -	13809	12796	16	3	1	-	-	1	-	-	-	-	-	-	-	-	-
2	Edgware H -	6994	3749	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	41	11	3	5	-	-	1	-	1	-	-	-	1	-	-
4	Hendon W -	8382	10494	8	2	-	2	-	-	-	-	-	-	-	-	-	-	-
137: 1	Bushey -	9331	6821	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms -	15599	6391	5	6	2	2	-	-	-	-	-	-	-	2	2	-	-
2	Barnet -	5423	10192	6	1	-	-	-	-	-	-	-	-	-	-	-	1	-
3	Finchley HL -	4688	17615	6	7	-	4	-	-	-	-	-	-	1	-	-	6	-
135: 1	Hatfield (part of)* -	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey H -	3039	37078	21	7	3	1	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham H -	4642	45456	65	22	4	5	-	-	-	1	1	-	1	1	2	2	-
3	Edmonton Ww‡ -	7453	23453	25	12	4	4	-	-	-	-	1	-	-	-	-	4	-
4	Enfield WH -	12653	19104	19	9	3	1	-	-	-	1	1	-	-	-	-	1	-
5	Waltham Abbey -	11017	5348	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Chesham -	8499	773	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-
146: 1	Stratford -	882	38605	34	12	3	3	-	-	1	-	-	-	2	-	-	-	-
2	West Ham wwwwH§	7351	101053	123	51	19	6	-	-	-	1	-	4	3	1	2	-	1
3	Leyton WwL -	4372	32430	35	15	4	6	-	-	-	-	-	-	1	-	-	5	-
4	Walthamstow H -	6520	23469	31	8	1	2	-	-	1	-	-	-	-	1	1	-	-
187: 1	Chigwell (part of)* H	11761	9339	5	3	1	1	-	-	-	-	-	-	1	-	-	-	-
2	Epping (W, pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189: 1	Romford (part of)* W	6730	3411	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	8	1	1	-	-	-	-	-	-	-	1	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:— 30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Nonsaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 187: 2, Watford, and 187: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th September, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	14·3	2·0	1551	400	371	-	11	20	45	25	26	87	61	353		
INNER LONDON -	77,410	4,351,738	14·8	2·1	1236	313	282	-	10	17	41	18	21	68	49	316		
OUTER RING -	370,924	1,290,277	12·7	1·6	315	87	89	-	1	3	4	7	5	19	12	37		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA	433,219	July 27	-	222	26·7	-	1	-	1	-	-	72	43†
BOMBAY	778,196	August 13	-	-	-	-	-	-	-	-	-	-	-
MADRAS	398,777	July 19	346	324	42·2	-	18	?	?	?	80	60†	
PARIS	2,260,945	September 7	1217	890	20·5	1	10	3	32*	12	23	105	
BRUSSELS (with 8 Faubourgs.)	471,606	" 7	237	140	15·4	-	-	-	-	2	2	25	
AMSTERDAM	403,083	" 7	289	136	17·7	-	3	1	1	1	-	-	
ROTTERDAM	197,723	" 7	144	77	20·2	-	-	-	-	-	1	1	
THE HAGUE	153,440	" 7	121	55	18·6	-	-	-	-	3	-	1	
COPENHAGEN	307,000	" 7	231	104	17·7	-	-	-	6	3	1	12	
STOCKHOLM	228,218	August 31	138	81	18·5	-	-	-	1	2	1	14	
CHRISTIANIA	138,301	September 7	66	33	14·3	-	-	-	8	2	-	2	
ST. PETERSBURG	842,883	August 31	-	462	28·6	-	21	4	2	3	14	81	
BERLIN	1,489,672	" 24	856	561	19·6	1	-	4	29	6	3	113	
HAMBURG (State)	575,276	" 31	400	209	19·0	-	-	4	7*	5	4	40	
DRESDEN	264,196	" 31	164	102	20·1	?	-	1	5*	?	1	20	
BRESLAU	315,000	September 7	211	153	25·4	-	-	2	8*	6	1	21	
MUNICH	281,000	August 31	193	198	36·1	-	1	3	2*	-	1	81	
VIENNA	811,434	" 31	462	274	17·5	-	1	1	5	1	-	32	
PRAGUE	304,356	" 31	-	110	18·9	-	-	3	2	2	2	5	
BUDA-PESTH	452,907	" 31	310	249	28·6	-	-	4	11	1	16	37	
TRIESTE	158,084	" 31	-	79	26·0	-	-	1	3*	-	-	15	
ROME	404,449	July 13	213	178	23·0	-	7	-	2	1	11†	22	
TURIN (10 days)-	306,398	August 10	257	216	25·6	-	15	1	1	2	4	53	
VENICE	153,375	" 24	94	79	26·9	9	-	-	-	3	1	15	
CAIRO	374,338	" 15	433	360	50·1	4	-	-	-	-	16	152	
ALEXANDRIA	231,396	" 15	215	204	46·0	-	-	-	-	3	9	57	
NEW YORK	1,571,300	" 24	-	769	25·5	-	1	2	15	16	20	150	
BROOKLYN	814,505	" 24	-	343	21·4	-	-	2	12	5	9	45	
PHILADELPHIA	1,040,245	" 24	-	426	21·4	-	1	2	4	3	18	51	
BALTIMORE	500,343	" 24	-	200	20·9	-	1	1	5	-	14	36	

* Including deaths from croup.

† Including 19 deaths from cholera in Calcutta and 1 in Madras.

‡ Including 7 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the WEEK ending Saturday, 21st September 1884.
[Under the Superintendence of the Astronomer Royal.]

[Under the Superintendence of the Astronomer Royal.]

1889.

MONTH AND
DAY.

SEPTEMBER.

SUN. . 8

MON. . 9

TUES. . 10

WED. . 11

THURS. . 12

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DATE.

SEPTEMBER.

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Wind as deduced from Anemometers.

TEMPERATURE.

Difference between
the Air Temperature
and Dew Point
Temperature.

Of the Air.

Phases
of the
Moon.

Baro-
meter.

Of the Water
at Deptford.

Radiation.

Degree of
humidity
(Satu-
ration
est.)

Of the Air.

Phases
of the
Moon.

Baro-
meter.

General Direction.

High-
est.
Sun's
Rays.

Least.
est.

Of the Air.

Phases
of the
Moon.

Baro-
meter.

Pressure on the
Square Foot.

Low-
est.
Grass.

Mean
daily
value.

Of the Air.

Phases
of the
Moon.

Baro-
meter.

Great-
est.
obs.

High-
est.
Sun's
Rays.

Least.
est.

Of the Air.

Phases
of the
Moon.

Baro-
meter.

Mean
of 24
hours
of the Air
Average
of
18 Years.

Low-
est.
Grass.

Mean
daily
value.

Of the Air.

Phases
of the
Moon.

Baro-
meter.

Great-
est.
obs.

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Sun's
Rays.

Least.
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Of the Air.

Phases
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Moon.

Baro-
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WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
23rd September, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.		Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.
Birkenhead	20·9	15·8	13·7	15·3	Liverpool -	19·7	18·2	19·6	18·9
Birmingham	15·0	17·3	15·0	14·7	London -	15·1	14·0	14·8	15·2
Blackburn -	23·2	19·4	26·7	18·5	Manchester -	23·4	20·7	21·1	21·1
Bolton	16·8	20·5	20·9	20·9	Newcastle-upon-Tyne*	25·6	26·9	25·6	26·9
Bradford*	20·4	18·2	14·2	17·5	Norwich -	14·9	18·2	16·0	20·4
Brighton -	13·7	15·0	13·3	12·4	Nottingham -	14·7	16·9	14·7	14·3
Bristol -	16·4	13·9	18·0	15·5	Oldham -	13·2	15·0	16·1	17·6
Cardiff*	13·9	19·0	16·2	20·4	Plymouth -	24·0	25·4	31·4	22·7
Derby -	9·0	15·9	13·2	12·7	Portsmouth -	15·1	19·6	18·5	15·1
Halifax -	17·4	16·1	27·0	14·2	Preston -	24·5	26·0	27·5	27·5
Huddersfield	14·6	16·9	15·7	18·5	Salford* -	18·0	18·3	13·4	18·3
Hull -	21·3	17·6	18·1	20·6	Sheffield -	18·2	14·8	18·7	21·0
Leeds -	17·8	18·8	17·4	20·4	Sunderland	22·6	20·6	25·7	25·3
Leicester*	9·7	13·2	14·2	12·8	Wolverhampton -	29·7	14·5	18·3	19·0

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·0 in Newcastle-upon-Tyne, 1·3 in Halifax, and 1·5 in Preston; from *scarlet fever*, 1·3 in Blackburn and 5·3 in Plymouth; from *whooping-cough*, 1·4 in Bolton and 1·6 in Sunderland; from "*fever*," 1·1 in Norwich and 2·0 in Preston; and from *diarrhœa*, 3·0 in Hull, 3·4 in Huddersfield, 3·8 in Salford, 3·9 in Newcastle-upon-Tyne and in Norwich, and 4·0 in Preston. The 68 deaths from *diphtheria* in the twenty-eight towns included 44 in London, 5 in Salford, 4 in Manchester, 3 in Sheffield, 3 in Preston, 3 in Derby, and 2 in Birmingham. Small-pox caused one death in Sheffield, but not one in any other of the twenty-eight great towns.

LONDON.

In LONDON 2344 BIRTHS and 1267 DEATHS were registered. Allowing for increase of population, the births were 146, and the deaths as many, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·0 and 14·8 in the two preceding weeks, further rose last week to 15·2. During the first twelve weeks of the current quarter the mean death-rate was 16·5 per 1000, and was 2·7 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1267 deaths included 3 from measles, 25 from scarlet fever, 44 from diphtheria, 26 from whooping-cough, 11 from enteric fever, one from an undefined form of continued fever, 73 from diarrhoea and dysentery, one from choleraic diarrhoea, and not one either from typhus or small-pox; thus, 184 deaths were referred to these diseases, being 46 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5; and no case of this disease was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 12, 9, and 10 in the three preceding weeks, declined last week to 3, and were 16 below the corrected average. The fatal cases of *scarlet fever*, which had been 18 and 17 in the two previous weeks, rose last week to 25, but were 17 below the corrected average; 2 belonged to Fulham, 2 to Shoreditch, 4 (including 3 in Wilson Street) to Mile End Old Town, 4 to Newington, 2 to Bermondsey, and 2 to Lambeth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1171 scarlet fever patients on Saturday last, against numbers increasing in the twelve preceding weeks from 559 to 1111; 128 cases were admitted to these hospitals during the week, against numbers increasing in the four previous weeks from 98 to 196. The deaths from *diphtheria*, which had been 30 and 41 in the two preceding weeks, further rose last week to 44 (of which 17 occurred in hospitals), and exceeded the corrected average by 24; 6 belonged to Kensington, 2 to Hammersmith, 3 to Fulham, 2 to St. George Hanover Square, 5 to Hackney, 2 to Shoreditch, 5 to Bethnal Green, 2 to Stepney, and 5 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had been 28 and 18 in the two preceding weeks, rose again last week to 26, but were 4 below the corrected average; 15 occurred in South London, of which 2 belonged to Newington, 5 to Lambeth, 2 to Battersea, and 2 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had declined in the nine preceding weeks from 273 to 68, rose again last week to 73, but were 16 below the corrected average; 52 were of infants aged under one year, and 13 of children aged between one and five years. The death of an infant, aged 11 months, was referred to *choleraic diarrhoea*.

The deaths from *enteric fever*, which had been 21 and 19 in the two preceding weeks, further declined last week to 11, and were 10 below the corrected average; 2 belonged to Marylebone and 2 to Shoreditch sanitary areas. The death of a male, aged 60 years, in Chelsea, was indefinitely referred to "continued fever, pneumonia." The Metropolitan Asylum Hospitals contained 84 cases of enteric fever, and 2 of typhus, on Saturday last; 12 cases of enteric fever were admitted during the week, against 7 and 13 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 142 and 152 in the two preceding weeks, declined again last week to 142, and were 53 below the corrected average.

Different forms of violence caused 54 deaths, concerning all but 3 of which inquests were held. Of these 54 deaths, 4 were cases of suicide, and 2 of murder or manslaughter, while the remaining 48 deaths were attributed to accident or negligence. Six of these 48 deaths were caused by vehicles in the streets, 6 by burns or scalds, 3 by drowning, 2 by poison, and 8 of infants under one year of age by suffocation.

GREATER LONDON.

In Greater London 3111 births and 1593 deaths were registered, corresponding to annual rates of 28·8 and 14·7 per 1000 of the estimated population. In the Outer Ring 19 deaths from diarrhoea, 7 from scarlet fever, 7 from diphtheria, and 7 from whooping-cough, were registered. Three fatal cases of scarlet fever were recorded in West Ham, and 3 of whooping-cough in Carshalton sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·87 ins.; the highest reading was 30·26 ins. on Monday morning, and the lowest 29·45 ins. on Friday evening. The mean temperature of the *air* was 51·1, and 5°·9 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest day being Saturday, when the mean was 9°·5 below the average. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 9·4 miles per hour, which was 2·0 miles below the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·25 in. The duration of registered bright sunshine in the week was 40·2 hours, against 46·6 hours at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 GREAT TOWNS, during the week ending 21st September, 1939.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-EIGHTH Week of each of the Eleven Years, 1879-89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2573	2599	2330	2544	2470	2498	2438	2409	2507	2463	2489·6	2344
Males . .	1270	1360	1200	1289	1258	1299	1318	1208	1291	1261	1281·7	1213
Females .	1303	1239	1130	1255	1212	1199	1120	1201	1216	1202	1207·9	1131
TOTAL Deaths	1366	1441	1279	1450	1236	1315	1081	1273	1164	1293	1412·5	1267
Males . .	664	758	662	756	659	681	551	668	599	677	727·9	649
Females .	702	683	617	694	627	634	530	605	565	621	684·6	618

The numbers in this column are the average weekly numbers in the thirty-eight weeks of the ten years 1879-88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	June 29.	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.
TOTAL Births	2467	2507	2306	2627	2376	2481	2180	2715	2358	2425	2373	2432	2344
TOTAL Deaths	1265	1350	1605	1556	1553	1532	1366	1382	1240	1263	1170	1236	1267
Ages at													
{ 0-20 years	572	722	902	908	898	850	739	727	628	569	535	583	599
{ 20-40 "	179	168	151	164	166	161	139	160	140	172	151	164	157
{ 40-60 "	232	221	232	197	228	209	222	202	197	235	219	207	248
Death													
{ 60-80 "	229	205	257	245	212	261	216	235	223	240	216	233	216
{ at 80 years & upwds.	53	84	63	42	49	51	50	58	52	47	49	49	47
"													
{ Under 1 year	315	429	617	681	599	555	468	447	387	331	306	313	332
{ 1-5 "	189	208	196	197	216	193	195	195	163	156	141	204	182
{ 5-20 "	68	85	89	80	83	102	76	85	78	82	88	66	85
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	33	31	30	29	20	25	15	18	9	12	9	10	3
" " Scarlet fever	10	9	9	12	6	11	16	13	16	17	18	17	25
" " Diphtheria	13	38	25	23	44	45	28	36	37	32	30	41	44
" " Whooping-cough	27	32	26	29	19	22	19	17	20	21	28	18	26
" " Typhus	-	-	-	-	-	-	2	-	-	-	1	-	-
" " Enteric fever	8	8	8	7	8	8	6	8	11	12	21	19	11
" " Simple Cont'g fever	1	-	2	-	1	-	1	-	-	-	1	2	1
" " Diarrhœa and Dysentery	57	155	258	273	271	199	175	158	109	78	68	63	73
" " Cholera	-	5	10	10	10	4	4	4	2	1	3	-	1
" " all the above-mentioned Diseases	149	278	368	383	379	314	266	254	204	173	179	175	184
" " Dis. of Respiratory System	169	143	158	141	160	182	149	162	115	148	142	152	142
" " Phthisis	137	138	127	136	150	126	128	135	139	149	134	137	157
" " Dis. of Circulatory System	99	94	117	102	91	110	93	111	104	93	95	102	110
Violent Deaths	39	51	83	43	60	70	65	49	56	51	47	49	54
Inquest Cases	90	90	129	83	113	115	114	108	93	93	86	101	96
Deaths in Public Institutions	314	280	356	348	314	323	320	319	279	335	327	316	324
TEMPERATURE OF THE AIR													
Mean	64·1	63·3	63·0	58·7	58·1	64·9	60·4	59·3	57·8	60·2	60·5	63·0	51·1
Mean of Highest readings	77·1	74·6	72·9	69·9	67·7	76·2	72·8	69·7	68·1	73·0	69·1	74·6	62·2
Mean of Lowest readings	52·1	53·7	56·2	51·3	51·9	53·3	52·0	52·5	51·1	48·5	55·2	53·8	41·6
Humidity of the Air	71	71	80	80	82	76	80	82	80	74	83	76	74
Rain-fall in inches	0·02	0·00	0·72	0·43	0·90	0·20	0·46	0·19	0·98	0·00	0·54	0·00	0·25
Registered Sunshine (in hours)	54·1	51·3	23·0	28·1	26·5	36·5	46·0	26·8	26·2	53·9	22·6	43·4	40·2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotham, Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 38th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 21st September 1889.								CAUSES OF DEATH.	Corrected Averages for the 38th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 21st September 1889.																			
		Deaths of Persons of the Ages										Deaths of Persons of the Ages																			
		ALL AGES.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																
ALL AGES -	1412.5	1267	332	182	85	157	248	216	47	Diseases of Organs of Special Sense† - -	2.1	5	-	3	-	1	-	1	-	Diseases of Circulatory System - -	99.1	110	3	1	10	20	37	31	8		
Small-pox { Vaccinated† -	4.7	-	-	-	-	-	-	-	-	Croup - - - -	11.4	9	1	6	2	-	-	-	-	-	Bronchitis - - - -	104.2	75	30	14	5	2	9	18	3	
Unvaccinated† -		-	-	-	-	-	-	-	-	Pneumonia - - - -	54.4	43	10	6	1	-	-	-	-	-	Pleurisy - - - -	4.6	3	-	-	-	-	-	-	-	
No Statement -		-	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	20.6	12	4	3	-	-	-	-	-	3	2									
Measles -	19.4	3	-	3	-	-	-	-	-	Dentition† - - - -	6.8	10	5	5	-	-	-	-	-	-	Quinsy, Sore Throat† - -	2.6	2	1	-	-	-	1	-	-	
Scarlet Fever -	41.8	25	-	18	6	1	-	-	-	Enteritis - - - -	13.2	13	10	1	-	-	-	-	-	-	Peritonitis - - - -	6.8	7	-	1	1	2	1	-	-	
Typhus -	0.9	-	-	-	-	-	-	-	-	Diseases of Liver - -	30.9	22	-	1	1	5	9	5	1	-	Other Diseases of Digestive System -	33.4	33	6	2	1	4	5	14	1	
Relapsing Fever† -	0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands† - -	2.0	1	-	-	-	1	-	-	-	-	Diseases of Urinary System - -	33.7	28	-	2	-	5	11	8	2	
Influenza -	0.4	1	-	-	-	-	-	1	-	Diseases of Generative System - -	4.0	5	-	-	-	4	1	-	-	-	Accidents of Childbirth - -	4.3	2	-	-	1	1	-	-	-	
Whooping-cough -	29.7	26	9	17	-	-	-	-	-	Diseases of Locomotive System† - - -	7.8	5	-	1	1	2	-	1	-	-	Diseases of Integumentary System - -	5.3	7	-	1	1	-	-	5	-	
Diphtheria -	20.2	44	2	27	14	-	1	-	-	VIOLENT DEATHS.‡											(ACCIDENT.)										
Simple Continued and Ill-defined Fever -	0.9	1	-	-	-	-	1	-	-	Fracture and Contusion - - -	21.9	24	-	4	1	4	9	6	-	-	Gunshot Wound - - -	0.1	1	-	-	1	-	-	-	-	
Enteric Fever -	21.3	11	1	-	5	4	1	-	-	Cut, Stab - - - -	0.2	-	-	-	-	-	-	-	-	-	Other Diseases of Digestive System -	33.4	33	6	2	1	4	5	14	1	
Cholera -	2.6	1	1	-	-	-	-	-	-	Poison - - - -	0.9	2	1	2	-	1	-	-	-	-	Quinsy, Sore Throat† - -	2.6	2	1	-	-	-	1	-	-	
Diarrhoea, Dysentery -	88.6	73	52	13	-	-	-	5	3	Drowning - - - -	6.7	3	-	-	1	1	1	-	-	-	Enteritis - - - -	13.2	13	10	1	-	-	-	-	-	
Remittent Fever† -	0.2	1	-	1	-	-	-	-	-	Suffocation - - - -	3.8	10	8	1	-	-	-	1	-	-	Peritonitis - - - -	6.8	7	-	1	1	2	1	-	-	
Hydrophobia -	0.5	-	-	-	-	-	-	-	-	Otherwise - - - -	3.9	2	1	-	-	1	-	-	-	-	Diseases of Liver - -	30.9	22	-	1	1	5	9	5	1	
Glanders -	0.1	-	-	-	-	-	-	-	-	(HOMICIDE.)											Dentition† - - - -	6.8	10	5	5	-	-	-	-	-	
Cowpox and Effects of Vaccination† -	0.5	-	-	-	-	-	-	-	-	Murder & Manslaughter - - -	1.3	2	1	-	-	-	1	-	-	-	Enteritis - - - -	13.2	13	10	1	-	-	-	-	-	
Veneral Affections -	12.6	14	10	2	-	1	1	-	-	(SUICIDE.)											Quinsy, Sore Throat† - -	2.6	2	1	-	-	-	-	-	-	
Erysipelas -	6.4	1	1	-	-	-	-	-	-	Gunshot Wound - - -	0.9	-	-	-	-	-	1	1	-	-	Other Diseases of Digestive System -	33.4	33	6	2	1	4	5	14	1	
Pysmia and Septicæmia† -	3.3	1	-	1	-	-	-	-	-	Cut, Stab - - - -	1.4	2	-	-	-	-	-	-	-	-	Accidents of Childbirth - -	4.3	2	-	-	1	1	-	-	-	
Puerperal Fever -	4.9	7	-	1	6	-	-	-	-	Poison - - - -	0.9	2	1	2	-	-	-	-	-	-	Diseases of Locomotive System† - - -	7.8	5	-	1	1	2	-	1	-	
Other Zymotic Diseases† -	1.1	1	-	1	-	-	-	-	-	Drowning - - - -	6.7	3	-	-	1	1	1	-	-	-	Diseases of Integumentary System - -	5.3	7	-	1	1	-	-	5	-	
Thrush - - - -	3.4	3	3	-	-	-	-	-	-	Suffocation - - - -	3.8	10	8	1	-	-	-	-	-	-	VIOLENT DEATHS.‡										
Worms and other Parasitical Diseases -	0.3	-	-	-	-	-	-	-	-	Otherwise - - - -	3.9	2	1	-	-	1	-	-	-	-	(ACCIDENT.)										
Starvation, Want of Breast-milk† -	2.3	-	-	-	-	-	-	-	-	(HOMICIDE.)											Murder & Manslaughter - - -	1.3	2	1	-	-	-	1	-	-	
Alcoholism - - -	4.7	8	-	-	-	3	5	-	-	(SUICIDE.)											Gunshot Wound - - -	0.9	-	-	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart† -	6.4	10	-	-	4	-	1	5	-	Murder & Manslaughter - - -	1.3	2	1	-	-	-	1	-	-	-	Cut, Stab - - - -	1.4	2	-	-	-	-	1	1	-	
Rheumatism† - - -	1.4	4	-	-	-	-	2	2	-	(SUICIDE.)											Poison - - - -	1.3	-	-	-	-	-	-	-	-	
Gout - - - -	2.6	1	-	-	-	-	1	-	-	Gunshot Wound - - -	0.9	-	-	-	-	-	-	-	-	-	Cut, Stab - - - -	1.4	2	-	-	-	-	-	-	-	
Rickets† - - - -	2.3	1	1	-	-	-	-	-	-	Cut, Stab - - - -	1.3	-	-	-	-	-	-	-	-	-	Poison - - - -	0.9	-	-	-	-	-	-	-	-	
Cancer - - - -	53.2	51	-	-	-	1	30	15	5	Poison - - - -	0.9	2	1	2	-	-	-	-	-	-	Drowning - - - -	1.9	1	-	-	-	-	-	1	-	
Tabes Mesenterica -	38.6	30	19	6	4	-	1	-	-	Drowning - - - -	6.7	3	-	-	1	1	1	-	-	-	Hanging - - - -	1.3	-	-	-	-	-	-	-	-	
Tubercular Meningitis -	26.2	20	4	11	5	-	-	-	-	Otherwise - - - -	3.9	2	1	-	-	1	-	-	-	-	Otherwise - - - -	0.7	1	-	-	-	-	-	1	-	
Phthisis - - - -	163.4	157	4	-	6	65	72	10	-	(EXECUTION.)											Hanging - - - -	0.0	-	-	-	-	-	-	-	-	
Scrofula, Tuberculosis -	15.4	24	8	11	3	1	1	-	-	OTHER CAUSES† - - -	65.6	53	46	3	-	-	2	2	-	-	-	Diseases of Organs of Special Sense† - -	2.1	5	-	3	-	1	-	1	-
Other Constitutional Diseases† -	8.5	13	-	1	1	4	4	3	-												Diseases of Circulatory System - -	99.1	110	3	1	10	20	37	31	8	
Premature Birth - - -	35.3	41	41	-	-	-	-	-	-												Croup - - - -	11.4	9	1	6	2	-	-	-	-	
Atelectasis† - - -	1.8	1	1	-	-	-	-	-	-												Bronchitis - - - -	104.2	75	30	14	5	2	9	18	3	
Congenital Malformations -	5.8	9	9	-	-	-	-	-	-												Pneumonia - - - -	54.4	43	10	6	1	-	-	-	-	
Old Age - - - -	41.0	46	-	-	-	-	1	26	19												Pleurisy - - - -	4.6	3	-	-	-	-	-	-	-	
Apoplexy - - - -	38.8	30	-	-	-	1	12	16	1												Other Diseases of Respiratory System - -	20.6	12	4	3	-	-	-	3	2	
Epilepsy - - - -	8.1	10	-	1	2	3	3	1	-												Dentition† - - - -	6.8	10	5	5	-	-	-	-	-	
Convulsions - - -	41.7	38	33	5	-	-	-	-	-												Quinsy, Sore Throat† - -	2.6	2	1	-	-	-	1	-	-	
Other Diseases of Brain and Nervous System -	77.3	61	6	10	8	4	12	19	2												Enteritis - - - -	13.2	13	10	1	-	-	-	-	-	

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION		Enu- mer- ated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from											Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
SUB-DISTRICTS.							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid Fever).	Simple con- tinued Fever.	Dysentery.	Violence.				
LONDON		3,815,704	2344	1267	332	263	-	3	25	44	26	-	11	1	73	54	96	324	1	
West Districts		689,633	361	240	47	60	-	1	4	13	3	-	2	1	5	8	19	83	-	
North Districts		905,947	536	281	73	48	-	-	6	11	4	-	3	-	20	10	15	69	2	
Central Districts		282,238	128	91	22	12	-	1	-	2	1	-	2	-	7	6	10	28	2	
East Districts		692,738	461	253	76	50	-	-	6	9	3	-	2	-	21	9	23	70	1	
South Districts		1,965,148	858	422	114	93	-	1	9	7	15	-	2	-	20	21	29	74	7	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69888	45	19	7	5	-	-	-	-	1	-	-	-	1	1	4	2	-	
St. John Paddington H - - - G.J.		37380	9	11	1	2	-	-	-	-	-	-	-	-	-	2	4	7	-	
Kensington Town Ww - - - W.M.		120141	53	54	10	22	-	-	-	2	-	-	1	-	1	-	2	22	-	
Brompton H - - - W.M. & C.		48010	8	7	1	1	-	-	-	1	-	-	-	-	-	-	1	-	-	
St. Peter Hammersmith - - - W.M.		7599	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	49	23	6	3	-	1	-	2	1	-	-	-	1	1	1	4	-	
Fulham Ww - - - W.M. & C.		42900	65	38	8	9	-	-	4	5	-	-	-	-	-	1	1	14	-	
Chelsea South HHH - - - C.		6896	13	11	2	3	-	-	-	-	1	-	-	1	-	-	-	4	-	
Chelsea North-west WHHHHH C.		24925	14	18	1	8	-	-	-	-	1	-	-	-	-	-	-	13	-	
Chelsea North-east - - - C.		32807	24	5	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
May Fair WW - - - G.J.		30353	7	8	1	4	-	-	-	1	-	-	-	-	-	1	1	4	-	
Belgrave WHHH - - - C.		59220	30	14	2	1	-	-	-	-	1	-	-	-	-	2	3	7	-	
St. John Westminster HHH - - C.		35496	17	9	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
St. Margaret Westminster H - - C.		24879	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. James Westminster WHH N.R. & G.J.		29941	10	13	5	1	-	-	-	-	1	-	-	-	-	1	1	-	-	
St. Anne Soho HHHHHHH - N.R.		18608	6	6	1	-	-	-	-	-	-	-	-	-	-	1	1	2	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	11	15	4	3	-	-	-	-	-	-	-	-	-	1	2	10	-	
Cavendish Square HHHH - - W.M.		14931	5	4	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.		24809	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	27	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HH - W.M.		33700	17	5	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Marylebone H - - W.M.		33633	16	5	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
Hampstead Ww - - - N.R. & W.M.		45452	24	20	5	2	-	-	5	1	-	-	1	-	-	-	10	1	-	
Regent's Park Pancras H - - W.M.		39115	21	10	5	1	-	-	-	-	1	-	-	-	1	-	2	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	11	16	2	5	-	-	-	1	-	-	-	-	1	1	1	12	-	
Gray's Inn Lane HHH - - - N.R.		30247	12	14	2	2	-	-	-	-	-	-	-	-	1	1	1	4	-	
Somers Town H - - - N.R.		34389	23	19	9	3	-	-	-	-	-	-	-	-	3	1	1	2	-	
Camden Town WH - - - N.R.		17311	14	7	-	4	-	-	-	-	-	-	-	-	-	-	-	5	-	
Kentish Town W - - - N.R.		87487	54	24	7	-	-	-	1	1	-	-	-	-	3	-	-	8	-	
Upper Holloway WWwH - - - N.R.		67946	54	25	4	7	-	-	-	-	-	1	-	-	-	2	1	10	-	
Islington South-west HH - - N.R.		100976	59	20	8	6	-	-	-	1	-	-	-	-	4	1	2	1	-	
Islington South-east - - - N.R.		61826	37	15	4	2	-	-	-	-	-	-	-	-	1	1	1	-	-	
Highbury H - - - N.R.		62048	21	8	4	1	-	-	-	-	-	-	-	-	2	-	-	-	-	
Stoke Newington H - - - N.R.		22781	18	5	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Stamford Hill - - - E.L.		9277	11	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - - N.R.		37610	25	8	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Hackney WWwH - - - E.L. & N.R.		76911	45	30	6	2	-	-	1	7	-	-	1	-	3	-	1	12	-	
South Hackney - - - E.L.		39883	21	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - - N.R.		16681	10	5	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - - N.R.		14964	10	5	-	2	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Giles North - - - N.R.		13837	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	1	7	1	-	-	-	-	-	-	-	1	-	1	1	1	5	-	
St. Mary-le-Strand H - - - N.R.		7515	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Danes H - - - N.R.		8559	2	5	-	-	-	-	-	-	-	-	-	-	-	2	3	5	-	
Strand Union Workhouse, Edmonton w.		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. Geo.-the-Martyr HHHHHHH N.R.		18671	8	9	2	-	-	-	-	2	-	-	-	-	-	-	-	3	-	
St. Andrew Eastern W - - - N.R.		10706	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Saffron Hill H - - - N.R.		6538	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
St. James Clerkenwell - - - N.R.		17516	9	8	3	1	-	-	-	-	-	-	-	-	3	-	-	-	-	
Amwell Clerkenwell - - - N.R.		19281	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentonville - - - N.R.		14773	9	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - - N.R.		17506	7	5	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	
Old-street H - - - N.R.		11541	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - - N.R.		18628	16	4	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	
Whitecross-street - - - N.R.		9217	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - - N.R.		7463	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham, w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - - N.R. & E.L.		11174	6	5	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Cripple-gate - - - N.R.		7193	5	3	2	1	-	-	-	-	-	-	-	-	1	-	1	-	2	
St. Sepulchre H - - - N.R.		5358	2	11	1	1	-	-	-	-	-	-	1	-	-	2	3	10	-	
St. Bride W - - - N.R.		8396	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - - N.R.		13666	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - - - N.R.		6652	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L. East London and K. the Kent Company.

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
 the Table by w:—

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouses " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
" Whitechapel " Mile End East & Finsbury Eastern sub-dist.	St. Martin's Asylum at Elephant & Castle sub-district.
" " Mile End Old Town Eastern sub-dist.	New Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
London City " " and Bromley sub-district.	Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st September, 1899.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- mer- ated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include															
						Deaths of		Deaths from										Deaths in Public Institutions.	Unrecorded Causes. Deaths.		
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.					
LONDON—OUTER RING						370,924	950,957	767	323	98	68	-	2	7	7	7	3	19	6	13	27
30:1	Carshalton <i>wL</i> -	12223	21113	10	16	1	4	-	-	-	-	3	1	-	-	-	-	-	-	9	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	5	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
37:1	Godstone (part of)* -	2754	1235	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38:1	Croydon <i>WwHHL</i> -	20651	101241	48	28	9	2	-	-	1	-	-	-	3	-	-	-	1	2	-	-
2	Mitcham <i>w†</i> -	11697	17932	12	5	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-
39:1	Wimbledon <i>HHH</i> -	3220	15350	11	7	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
2	Kingston <i>WHH</i> -	8549	36354	22	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Esher (part of)* -	6601	9221	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i> -	4573	18539	4	8	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
40:1	Richmond <i>WH</i> -	2272	21302	10	4	-	2	-	-	1	-	-	-	-	-	-	-	-	1	-	-
2	Mortlake -	2941	12331	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41:1	Bromley (pt. of)* <i>HH</i>	15659	31142	40	9	5	2	-	-	-	1	-	-	1	1	1	-	-	-	-	-
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15944	4	8	2	3	-	-	-	-	-	-	1	-	-	-	1	-	-	-
42:1	Bexley <i>H</i> -	18487	24134	16	6	2	2	-	-	-	-	-	-	1	1	1	-	-	-	-	-
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124:1	Sunbury <i>w</i> -	11055	11635	5	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12089	10	7	2	3	-	-	-	-	-	-	1	-	-	-	-	1	-	-
125:1	Hillingdon <i>WHH</i> -	6029	10302	11	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
2	Uxbridge -	6178	3225	2	3	3	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-
3	Hayes <i>wHL</i> -	14337	11523	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126:1	Isleworth <i>WHH</i> -	7003	22727	15	13	1	3	-	-	-	1	-	-	-	1	1	3	-	-	-	-
2	Twickenham <i>H</i> -	2477	12479	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> -	4345	27449	19	8	5	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-
4	Chiswick -	1340	15375	9	4	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
5	Acton <i>wH</i> -	6933	22476	9	9	4	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-
127:1	Harrow <i>H</i> -	13399	12796	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Edgware <i>H</i> -	6934	3749	2	3	1	2	-	-	-	-	-	-	1	-	1	-	-	-	-	-
3	Willesden -	4383	27453	37	11	3	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-
4	Hendon <i>W</i> -	8332	10434	17	6	1	2	-	-	-	-	-	-	-	-	1	2	-	-	2	-
137:1	Bushey -	9331	6621	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138:1	South Mimms -	15599	6391	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5493	10392	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>HL</i> -	4038	17615	16	6	2	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-
139:1	Hatfield (part of)*	3306	593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129:1	Hornsey <i>H</i> -	3039	37078	24	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> -	4342	49456	61	28	14	5	-	-	1	-	1	-	-	-	-	-	-	-	-	-
3	Edmonton <i>Ww†</i> -	7453	23433	26	6	1	3	-	-	-	-	-	-	1	-	-	-	3	-	-	-
4	Enfield <i>WH</i> -	12558	19104	17	6	3	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-
5	Waltham Abbey -	11017	5333	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8490	7735	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136:1	Stratford -	892	38603	32	8	2	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
2	West Ham <i>wwwwH‡</i> -	7351	101063	130	41	17	5	-	1	3	1	1	-	2	1	1	1	-	-	-	-
3	Leyton <i>WwL</i> -	4372	32430	32	10	2	4	-	-	-	1	-	1	-	-	-	1	2	-	-	-
4	Walthamstow <i>H</i> -	6530	28869	30	14	3	3	-	-	-	1	-	-	-	2	-	-	-	-	-	1
137:1	Chigwell (part of)* <i>H</i>	11761	9639	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139:1	Romford (part of)* <i>W</i>	6730	3411	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	13	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	14	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30:2, Epsom sub-district, except the parishes of Ainstead and Headley (pop. 1245); 37:1, the parishes of Warlingham and Farley in Godstone sub-district: 39:3, Esher sub-district, except the parish of Esher (pop. 1903); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st September, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 69 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
WATER LONDON	448,334	5,642,015	14·7	2·1	1593	430	331	-	5	32	51	33	15	92	60	351		
INNER LONDON -	77,410	4,351,738	15·2	2·2	1267	332	263	-	3	25	44	26	12	73	54	324		
OUTER RING -	370,924	1,290,277	13·2	1·8	326	98	68	-	2	7	7	7	3	19	6	27		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0·622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CUTTACK	433,219	August 3	-	210	25·2	-	-	-	-	-	83	36†	
BOMBAY	773,196	" 20	266	449	25·7	2	3	?	?	?	117	55†	
MADRAS	399,777	July 26	314	325	42·3	1	12	?	?	?	86	70†	
		August 2	324	309	40·2	1	16	?	?	?	67	69†	
BARCELONA	2,260,945	September 14	1150	867	19·9	5	12	3	33*	13	25	107	
BRUSSELS (8 Faubourgs.)	471,606	" 14	245	159	17·5	-	-	-	-	-	4	19	
AMSTERDAM	403,083	" 14	267	120	15·6	-	1	2	4	3	1	-	
ROTTERDAM	197,723	" 14	120	56	14·7	-	1	-	-	-	-	2	
THE HAGUE	153,440	" 14	118	52	17·6	-	-	-	1	-	-	-	
COPENHAGEN	307,000	" 14	188	117	19·9	-	-	1	7	4	3	12	
STOCKHOLM	228,218	" 7	125	69	15·7	-	-	2	1	1	-	11	
CHRISTIANIA	138,301	" 14	53	46	17·3	-	2	1	9	3	-	3	
PETERSBURG	842,883	" 7	-	459	23·4	-	16	10	12	5	12	67	
BERLIN	1,489,672	August 31	863	552	19·2	-	2	4	21	3	4	110	
FRANKFURT (State)	675,276	September 7	413	288	26·1	-	-	2	9*	6	9	43	
GENOVA	264,196	" 7	149	103	20·3	-	1	-	8*	?	1	10	
SAIGON	315,000	" 14	234	144	23·9	-	-	-	12*	-	3	15	
MANCHESTER	281,000	" 7	197	154	23·5	-	-	2	2*	2	-	48	
PARIS	811,434	" 7	511	260	16·7	-	-	3	4	2	1	37	
LYON	304,856	" 7	-	144	24·7	2	-	3	7	2	2	6	
VIENNA	452,907	" 7	332	237	27·2	-	1	3	10	-	14	34	
BRISTOL	158,084	" 7	-	77	25·3	-	-	-	3*	-	-	20	
LEEDS	404,449	July 20	241	214	27·6	1	2	-	3	2	7†	31	
GLoucester (10 days)	306,398	August 20	273	207	24·7	-	13	-	4	3	5	42	
GLoucester	153,375	" 31	83	74	25·2	6	1	-	1	3	1	8	
GLoucester	374,838	" 22	392	353	49·1	2	2	-	3*	1	14	148	
		" 22	368	344	47·9	1	1	-	2*	2	25	148	
ALEXANDRIA	231,396	" 22	186	163	37·2	1	-	-	1	3	8	50	
		" 29	200	172	38·8	-	-	-	1	1	4	65	
NEW YORK	1,571,300	" 31	-	675	22·4	-	1	1	22	14	17	105	
BOSTON	814,505	" 31	-	307	19·2	-	1	3	14	3	4	39	
PHILADELPHIA	1,040,245	" 31	-	410	20·6	-	-	3	6	5	21	29	
BALTIMORE	500,343	" 31	-	168	17·5	-	-	2	1	2	7	27	

* Including deaths from croup.

† Including 4 deaths from cholera in Calcutta, 8 in Bombay, and 1 in each week in Madras.

‡ Including 5 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, SEPTEMBER 21st, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.	Phases of the Moon.	Baro- meter.	TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a Gauge whose receiving surface is above the ground.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Of the Air.			De- rected from average of 30 years.	Difference between the Air Temperature and Dew Point Temperature.		Degree of Humi- dity (Satu- ration 100).	Of Radiation.		Of the Water of the Thames at Deptford.		Order's.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			High- est.	Low- est.	Daily Range.		Mean daily value.	Mean daily value.		Great- est.	Least.	High- est.	Low- est.	General Direction.		Pressure on the Square Foot.				Horizontal Movement of the Air on each day of the year.	Depart- ure from Average of 15 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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DATE.		ELECTRICITY.		Registered Sunshine, in hours.		Sun above Horizon, in hours.		GENERAL REMARKS.	
SEPTEMBER.		(For explanation of symbols, see Note.)							
SUNDAY	15			1.7	12.6			Cloudy generally; a little sunshine in afternoon.	
MONDAY	16			7.2	12.6			Fine; partially cloudy till evening; cloudless at night.	
TUESDAY	17			10.6	12.5			Very fine; cloudless generally. Hear frost and fog in early morning.	
WEDNESDAY	18	The electrometer was not in action throughout the week.		10.3	12.4			Very fine; generally cloudless throughout. Hear frost and dense fog in morning.	
THURSDAY	19			0.0	12.3			Generally cloudy. Rain in afternoon and evening.	
FRIDAY	20			6.3	12.3			Fine and partially cloudy till afternoon; variable afterwards. A heavy shower fell between 3 p.m. and 4 p.m.	
SATURDAY	21			4.1	12.2			Fine with light clouds till noon; cloudy afterwards. Showery in afternoon. Very cold.	
MEANS				Sum 40.2	Sum 86.9				

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9 A.M.; noon; 3 p.m.; and 9 p.m. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections taken from a discussion of the photographic records made during the twenty years ending 1878 for the barometer, and of the twenty years ending 1888 for the thermometers. With the latter correction mean readings of the dry bulb thermometers, combining the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1878, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30.18 in. at the beginning of the week to 30.26 in. by 9h. A.M. on the 16th; decreased to 29.45 in. by 7h. P.M. on the 20th; increased to 29.21 in.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 39. 1889. VOL. L.] WEEK ENDING SATURDAY, SEPTEMBER 28. [Price 1½d.

General Register Office, Somerset House,
30th September, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·9 per 1000 of their aggregate population, which is estimated at *9,555,403 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.		Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.
Birkenhead	15·8	13·7	15·3	17·3	Liverpool -	18·2	19·6	18·9	18·7
Birmingham	17·3	15·0	14·7	15·8	London -	14·0	14·8	15·2	16·3
Blackburn -	19·4	26·7	18·5	28·0	Manchester -	20·7	21·1	21·1	24·5
Bolton -	20·5	20·9	20·9	21·4	Newcastle-on-Tyne*	26·9	25·6	26·9	27·2
Bradford*	18·2	14·2	17·5	15·3	Norwich -	18·2	16·0	20·4	14·9
Brighton -	15·0	13·3	12·4	17·1	Nottingham -	16·9	14·7	14·3	12·5
Bristol -	13·9	18·0	15·5	18·4	Oldham -	15·0	16·1	17·6	14·7
Cardiff*	19·0	16·2	20·4	19·0	Plymouth -	25·4	31·4	22·7	32·7
Derby -	15·9	13·2	12·7	16·9	Portsmouth -	19·6	18·5	15·1	19·6
Halifax -	16·1	27·0	14·2	20·6	Preston -	26·0	27·5	27·5	31·0
Huddersfield	16·9	15·7	18·5	7·9	Salford* -	18·3	13·4	18·3	17·1
Hull -	17·6	18·1	20·6	20·1	Sheffield -	14·8	18·7	21·0	19·5
Leeds -	18·8	17·4	20·4	18·5	Sunderland -	20·6	25·7	25·3	27·6
Leicester*	13·2	14·2	12·8	15·9	Wolverhampton -	14·5	18·3	19·0	25·9

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·0 in Newcastle-upon-Tyne and 1·1 in Norwich; from *scarlet fever*, 1·3 in Blackburn and 8·0 in Plymouth; from *whooping-cough*, 1·3 in Plymouth and in Wolverhampton; from "*fever*," 1·1 in Salford and in Portsmouth, and 1·3 in Halifax; and from *diarrhœa*, 2·7 in Sunderland, 2·9 in Newcastle-upon-Tyne, 3·2 in Bolton and in Wolverhampton, 3·9 in Blackburn, and 6·0 in Preston. The 60 deaths from *diphtheria* in the twenty-eight towns included 44 in London, 4 in Portsmouth, 3 in Manchester, 3 in Salford, and 2 in Plymouth. Small-pox caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2504 BIRTHS and 1361 DEATHS were registered. Allowing for increase of population, the births were 205, and the deaths 43, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·0, 14·8, and 15·2 in the three preceding weeks, further rose last week to 16·3. During the thirteen weeks ending last Saturday the mean death-rate was 16·5 per 1000, and was 2·5 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1361 deaths included 7 from measles, 22 from scarlet fever, 44 from diphtheria, 23 from whooping-cough, 2 from typhus, 19 from enteric fever, 1 from an ill-defined form of continued fever, 80 from diarrhœa and dysentery, and not one from small-pox or cholera; thus, 198 deaths were referred to these diseases, being 17 below the corrected average weekly number.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

No death from *small-pox* was registered, the corrected average being 5; and no case of this disease was under treatment during the week in the Metropolitan Asylum Hospitals or in the Highgate Small-pox Hospital. The deaths from *measles*, which had numbered 10 and 3 in the two preceding weeks, rose again last week to 7, but were 14 below the corrected average. The fatal cases of *scarlet fever*, which had been 17 and 25 in the two previous weeks, declined again last week to 22, and were but half the corrected average; 3 belonged to Pancras, 2 to Fulham, 2 to Mile End Old Town, 2 to Bermondsey, 3 to Lambeth, and 2 to Greenwich sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1247 scarlet fever patients on Saturday last, against numbers increasing in the thirteen preceding weeks from 559 to 1171; 166 cases were admitted to these hospitals during the week, against 196 and 128 in the two previous weeks. The deaths from *diphtheria*, which had been 30, 41, and 44 in the three preceding weeks, were again 44 last week, and exceeded the corrected average by 24; 4 belonged to Kensington, 2 to Hammersmith, 2 to Westminster, 3 to Pancras, 2 to Islington, 4 to Shoreditch, 3 to Bethnal Green, 2 to Whitechapel, 3 to St. George in the East, 3 to Newington, 6 to Lambeth, and 2 to Camberwell sanitary areas. The 44 deaths from diphtheria included 18 in hospitals; and on Saturday last 122 cases of this disease were under treatment in the Metropolitan Asylum Hospitals, 23 having been admitted during the week, against 28, 18, and 24 in the three previous weeks. The fatal cases of *whooping-cough*, which had been 28, 18, and 26 in the three preceding weeks, declined again last week to 23, and were one below the corrected average. The deaths attributed to *diarrhœa* and *dysentery*, which had been 68 and 73 in the two previous weeks, rose last week to 80, and exceeded the corrected average by 6; 58 were of infants aged under one year, and 8 of children aged between one and five years.

The deaths from *enteric fever*, which had been 21, 19, and 11 in the three preceding weeks, rose again last week to 19, but were 4 below the corrected average; 2 belonged to Pancras, 2 to Hackney, 2 to Bethnal Green, 2 to Wandsworth, and 2 to Greenwich sanitary areas. The two fatal cases of *typhus* occurred in the Homerton Fever Hospital, and were of patients admitted from Bethnal Green and Mile End Old Town sanitary areas. The death of a male aged 69 years in Battersea was attributed to "exhaustion following simple continued fever." The Metropolitan Asylum Hospitals contained 86 cases of enteric fever, and 1 of typhus, on Saturday last; 13 cases of enteric fever were admitted during the week, against 13 and 12 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 152 and 142 in the two preceding weeks, rose last week to 189, but were 34 below the corrected average.

Different forms of violence caused 62 deaths, concerning all but 3 of which inquests were held. Of these 62 deaths, 7 were cases of suicide, and 2 of murder or manslaughter, while the remaining 53 were attributed to accident or negligence. Eleven of these 53 deaths were caused by vehicles in the streets, 2 by burns or scalds, 9 by drowning, and 14 of infants aged under one year by suffocation.

The two deaths from hydrophobia were of a painter from Chigwell, aged 51 years, in the London Hospital, who had been bitten by a dog in June last; and of a girl from Tooting, aged 13 years, in St. Thomas' Hospital, who was bitten by a dog on the 2nd of August last.

GREATER LONDON.

In Greater London 3267 births and 1699 deaths were registered, corresponding to annual rates of 30·2 and 15·7 per 1000 of the estimated population. In the Outer Ring 15 deaths from diarrhœa, 10 from diphtheria, 10 from whooping-cough, and 8 from scarlet fever were registered. Three fatal cases of diarrhœa were registered in Croydon, in Enfield, and in Chigwell sub-districts. The deaths from diphtheria included 3 in Chigwell, 2 in West Ham, and 2 in Hillingdon sub-districts; and of the deaths from scarlet fever, 3 occurred in West Ham and 2 in Twickenham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 ins.; the lowest reading was 29·32 ins. on Tuesday afternoon, and the highest 30·01 ins. at noon on Thursday. The mean temperature of the *air* was 50·6, and 50·2 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week, except Friday, when it showed an excess. The direction of the *wind* was variable, and the horizontal movement of the air averaged 14·2 miles per hour, which was 3·5 miles above the average in the corresponding weeks of 16 years. *Rain* fell on Tuesday, to the amount of 0·85 ins. The duration of registered bright sunshine in the week was 17·4 hours, against 21·7 hours at Glyde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 28th September, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the end of the Year 1889.		Registered during the Week ending 28th Sept., 1889.		Deaths of Persons aged 1 Year or 60 Years and upwards.		Deaths from								TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.						
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	Fahrenheit.		Mean.	Contr.	In Inches.	In Centi- metres.		
																					Births.						Deaths.	Infants under 1 Year of Age.
Cols.																												
28 TOWNS*	9,555,406	5501	3285	1029	643	-	28	67	60	60	56	258	105	221	564	69	17-9	2-9	65-1	32-9	49-2	9-56	23.	24.	0-94	2-39	-	28 TOWNS.
LONDON	4,351,738	2604	1361	386	287	-	7	22	44	23	22	80	62	119	335	20	16-3	2-4	65-1	36-1	50-6	10-33	0-85	2-16	0-85	2-16	LONDON.	
BRIGHTON	121,807	50	40	15	11	-	-	-	-	-	-	3	1	1	9	8	17-1	3-0	61-6	40-0	50-8	10-44	0-67	1-70	0-67	1-70	BRIGHTON.	
PORTSMOUTH	141,263	94	53	14	13	-	-	2	4	-	-	2	1	1	1	1	19-6	3-7	-	-	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	45	27	12	7	-	2	-	1	-	-	-	2	1	4	1	14-9	2-8	-	-	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	76,225	39	49	11	10	-	1	12	2	2	-	-	4	2	10	14	18-4	1-1	60-4	38-3	50-4	10-22	1-60	4-06	1-60	4-06	PLYMOUTH.	
BRISTOL	228,361	113	81	29	15	-	-	-	1	2	1	5	1	2	8	2	25-9	5-7	62-9	32-9	46-8	8-22	1-13	2-87	1-13	2-87	BRISTOL.	
WOLVERHAMPTON	82,544	48	41	10	10	-	-	-	-	4	2	14	11	17	26	2	15-8	3-1	-	-	-	-	-	-	-	-	WOLVERHAMPTON.	
BIRMINGHAM	454,835	273	138	36	27	-	3	4	-	-	-	-	-	-	5	6	15-9	1-4	-	-	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER	150,520	83	46	18	8	-	1	-	-	1	-	5	1	5	5	1	12-5	1-3	64-0	35-5	47-8	8-78	1-40	3-56	1-40	3-56	LEICESTER.	
NOTTINGHAM	237,812	95	57	21	11	-	-	-	-	-	-	-	-	-	5	5	16-9	2-0	-	-	-	-	-	-	-	-	NOTTINGHAM.	
DERBY	98,629	67	32	5	12	-	-	-	-	-	-	-	-	-	-	-	17-3	2-0	-	-	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,511	67	34	15	3	-	-	-	-	1	1	2	-	9	10	34	16	18-7	3-4	62-0	43-4	50-7	10-39	0-85	2-16	0-85	2-16	BIRKENHEAD.
LIVERPOOL	606,562	334	217	70	36	-	2	9	-	5	4	19	9	10	2	7	21-4	5-5	-	-	-	-	-	-	-	-	LIVERPOOL.	
ROLTON	114,670	82	47	15	10	-	-	2	-	2	1	7	1	2	7	-	24-5	5-5	-	-	-	-	-	-	-	-	ROLTON.	
MANCHESTER	578,800	254	178	64	22	-	3	6	3	4	2	19	1	4	25	2	24-5	5-1	-	-	-	-	-	-	-	-	MANCHESTER.	
SALFORD	234,283	115	77	22	16	-	1	1	3	-	5	6	2	3	11	1	17-1	3-6	-	-	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	64	40	13	9	-	2	2	-	1	-	3	-	1	1	-	14-7	2-2	-	-	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,275	86	65	29	11	-	-	3	-	2	-	9	-	-	8	1	28-0	6-0	-	-	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,184	75	62	22	12	-	-	-	-	2	-	12	-	2	3	2	31-0	8-0	-	-	-	-	-	-	-	-	PRESTON.	
HUDDERSFIELD	92,825	43	14	2	2	-	-	-	-	1	1	-	-	-	3	-	7-9	2-2	-	-	-	-	-	-	-	-	HUDDERSFIELD.	
HALIFAX	81,080	39	32	15	6	-	-	-	-	-	2	-	-	-	1	-	20-6	1-3	-	-	-	-	-	-	-	-	HALIFAX.	
BRADFORD	235,065	98	69	22	9	-	-	1	-	3	4	7	-	3	7	2	15-3	3-3	60-2	36-5	47-0	8-33	0-49	1-24	0-49	1-24	BRADFORD.	
LEEDS	367,449	214	127	44	23	-	1	-	-	1	3	14	3	11	8	3	18-5	3-1	-	-	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	327,227	219	122	46	23	-	1	-	-	1	3	12	1	4	12	5	19-5	2-6	-	-	-	-	-	-	-	-	SHEFFIELD.	
HULL	208,017	130	80	34	15	-	1	-	-	1	1	8	2	2	6	3	20-1	2-8	61-0	33-0	47-5	8-61	0-60	1-62	0-60	1-62	HULL.	
SUNDERLAND	154,193	95	71	21	18	-	1	-	-	2	1	7	2	4	3	1	27-6	4-7	-	-	-	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE*	160,983	89	84	23	13	-	3	1	-	9	2	7	2	6	6	1	27-2	4-2	63-0	36-0	48-0	8-89	0-43	1-22	0-43	1-22	NEWCASTLE.	
CARDIFF	112,712	76	41	15	6	-	1	-	1	2	-	1	2	4	8	3	19-0	2-3	-	-	-	-	-	-	-	-	CARDIFF.	
EDINBURGH	262,500	120	85	16	23	-	-	-	1	2	2	5	4	?	17	22	16-6	2-0	59-5	33-8	47-3	8-50	0-06	0-15	0-06	0-15	EDINBURGH.	
GLASGOW	528,144	364	210	52	34	-	5	1	1	9	6	13	11	?	42	24	20-7	3-5	59-6	33-9	47-7	8-72	0-35	0-89	0-35	0-89	GLASGOW.	
DUBLIN	253,683	178	313	61	36	-	1	-	-	-	6	23	7	5	55	43	31-5	4-4	62-0	36-1	50-0	10-00	0-40	1-02	0-40	1-02	DUBLIN.	

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the THIRTY-NINTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88,*	1889
TOTAL Births	2473	2453	2518	2538	2399	2571	2516	2559	2420	2395	2708·9	2504
Males . .	1244	1268	1312	1309	1234	1317	1253	1331	1273	1219	1391·4	1294
Females .	1229	1185	1206	1229	1165	1254	1263	1228	1147	1176	1317·5	1210
TOTAL Deaths	1193	1953	1217	1449	1257	1243	1251	1350	1244	1314	1403·5	1361
Males . .	605	704	685	745	662	648	660	714	655	679	731·3	669
Females .	588	649	582	704	595	595	591	636	589	635	672·2	692

The numbers in this column are the average weekly numbers in the thirty-ninth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 6.	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.
TOTAL Births - -	2507	2306	2627	2376	2481	2180	2715	2358	2425	2373	2432	2344	2504
TOTAL Deaths - -	1350	1605	1556	1553	1532	1366	1382	1240	1263	1170	1236	1267	1361
Ages at { 0–20 years -	722	902	908	898	850	739	727	628	569	535	583	599	644
{ 20–40 " -	168	151	164	166	161	139	160	140	172	151	164	157	186
{ 40–60 " -	221	232	197	228	209	222	202	197	235	219	207	243	244
Death { 60–80 " -	205	257	245	212	261	216	235	223	240	216	233	216	245
{ at 80 years & upwds.	34	63	42	49	51	50	58	52	47	49	49	47	42
" { Under 1 year -	429	617	631	599	555	468	447	387	331	306	313	332	386
{ 1–5 -	208	196	197	216	193	195	195	163	156	141	204	182	165
{ 5–20 -	85	89	80	83	102	76	85	78	82	88	66	85	93
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles -	31	30	29	20	25	15	18	9	12	9	10	3	7
" " Scarlet fever -	9	9	12	6	11	16	13	16	17	18	17	25	22
" " Diphtheria -	38	25	23	44	45	28	36	37	32	30	41	44	44
" " Whooping-cough -	32	26	29	19	22	19	17	20	21	28	18	26	23
" " Typhus -	-	-	-	-	-	2	-	-	-	1	-	-	2
" " Enteric fever -	8	8	7	8	8	6	8	11	12	21	19	11	19
" " Simple Cont ^d fever -	-	2	-	1	-	1	-	-	-	1	2	1	1
" " Diarrhoea and Dysentery - } -	155	258	273	271	199	175	153	109	78	63	63	73	80
" " Cholera - -	5	10	10	10	4	4	4	2	1	3	-	1	-
" " all the above- mentioned Diseases } -	278	368	383	379	314	266	254	204	173	179	175	184	198
" " Dis. of Respira- tory System -	143	158	141	160	182	149	162	115	148	142	152	142	189
" " Phthisis - -	138	127	136	150	126	128	135	139	149	134	137	157	146
" " Dis. of Circula- tory System } -	94	117	102	91	110	93	111	104	93	95	102	110	112
Violent Deaths - -	51	83	43	60	70	65	49	56	51	47	49	54	62
Inquest Cases - -	90	129	83	113	115	114	108	93	93	86	101	96	119
Deaths in Public Institutions	280	356	343	314	325	320	319	279	335	327	316	324	335
TEMPERATURE OF THE AIR													
Mean -	63·3	63·0	58·7	58·1	64·9	60·4	59·3	57·8	60·2	60·5	63·0	51·1	50·6
Mean of Highest readings -	74·6	72·9	69·9	67·7	76·2	72·8	69·7	68·1	73·0	69·1	74·6	62·2	58·9
Mean of Lowest readings -	53·7	56·2	51·3	51·9	55·3	52·0	52·5	51·1	48·5	55·2	53·8	41·6	42·9
Humidity of the Air - -	71	80	80	82	76	80	82	80	74	88	76	74	80
Rain-fall in inches - -	0·00	0·72	0·43	0·90	0·20	0·46	0·19	0·98	0·00	0·54	0·00	0·25	0·85
Registered Sunshine (in hours)	51·3	23·0	28·1	26·5	36·5	46·0	26·8	26·2	53·9	22·6	43·4	40·2	17·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—P. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIandborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunnerland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-NINTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 39th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd September 1889.								Corrected Averages for the 39th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	In the Week ending Saturday, 28th September 1889.												
		Deaths of Persons of the Ages										Deaths of Persons of the Ages												
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.					
		0-1.	1-5.	5-20.							0-1.	1-5.	5-20.											
ALL CAUSES - -	1403.5	1361	386	165	93	186	244	245	42		Diseases of Organs of Special Sense † - -	3.5	2	-	-	1	1	-	-	-	-	-	-	-
Small-pox { Vaccinated † - - - - - Unvaccinated - - - - - No Statement - - - - - }	4.7	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - - - -	60.0	112	6	-	9	17	40	37	3	-	-	-	
Measles - - - - -	20.6	7	2	5	-	-	-	-	-		Croup - - - - -	12.4	9	3	5	1	-	-	-	-	-	-	-	
Scarlet Fever - - - - -	43.8	22	2	9	10	1	-	-	-		Bronchitis - - - - -	118.6	103	26	17	1	3	14	39	6	-	-	-	
Typhus - - - - -	1.2	2	-	-	-	2	-	-	-		Pneumonia - - - - -	61.7	47	15	14	1	3	8	6	-	-	-		
Relapsing Fever † - - - -	0.0	-	-	-	-	-	-	-	-		Pleurisy - - - - -	4.6	2	-	1	-	-	-	-	-	1	-	-	
Influenza - - - - -	0.0	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - - -	25.7	25	5	6	3	1	4	6	-	-	-		
Whooping-cough - - - - -	23.9	23	10	11	2	-	-	-	-		Dentition † - - - - -	10.5	6	3	3	-	-	-	-	-	-	-	-	
Diphtheria - - - - -	20.2	41	3	27	14	-	-	-	-		Quinsy, Sore Throat † -	1.8	2	-	-	-	1	1	-	-	-	-	-	
Simple Continued and Ill-defined Fever - - -	2.0	1	-	-	-	-	-	1	-		Enteritis - - - - -	8.7	15	11	1	2	-	-	2	2	-	-	-	
Enteric Fever - - - - -	22.9	19	-	-	5	10	4	-	-		Peritonitis - - - - -	6.1	7	-	1	-	2	2	5	1	-	-	-	
Cholera - - - - -	1.9	-	-	-	-	-	-	-	-		Diseases of Liver - - - -	27.9	23	1	-	-	1	15	5	1	-	-	-	
Diarrhea, Dysentery - - -	73.8	80	68	8	-	1	1	8	4		Other Diseases of Digestive System - -	27.0	29	3	2	-	8	7	7	2	-	-	-	
Remittent Fever - - - - -	0.2	1	-	-	-	1	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - - -	1.8	4	1	-	1	2	-	-	-	-	-		
Hydrophobia - - - - -	0.3	2	-	-	1	-	1	-	-		Diseases of Urinary System - - - - -	39.1	34	1	1	-	5	12	13	2	-	-	-	
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-		Diseases of Generative System - - - - -	5.2	2	-	-	-	-	1	-	1	-	-	-	
Cowpox and Effects of Vaccination † - - - -	0.2	-	-	-	-	-	-	-	-		Accidents of Childbirth -	3.5	2	-	-	-	1	1	-	-	-	-	-	
Venerical Affections - -	10.6	11	4	2	-	2	2	1	-		Diseases of Locomotive System † - - - -	6.1	7	-	3	2	1	-	1	-	-	-	-	
Erysipelas - - - - -	6.1	2	1	-	-	-	-	-	-		Diseases of Integumentary System - - -	6.1	4	2	-	-	-	2	-	-	-	-	-	
Pyæmia and Septicæmia †	4.6	1	-	-	-	1	-	-	-		VIOLENT DEATHS.‡													
Puerperal Fever - - - - -	4.7	7	-	-	7	-	-	-	-		(ACCIDENT.)													
Other Zymotic Diseases †	0.3	2	1	-	1	-	-	-	-		Fracture and Contusion -	18.4	22	-	3	4	1	5	8	1	-	-	-	
Thrush - - - - -	3.5	3	3	-	-	-	-	-	-		Gunshot Wound - - - -	0.2	-	-	-	-	-	-	1	-	-	-	-	
Worms and other Parasitical Diseases - - -	0.0	-	-	-	-	-	-	-	-		Cut, Stab - - - - -	0.3	1	-	-	-	-	-	-	1	-	-	-	
Starvation, Want of Breast-milk † - - - -	1.8	4	4	-	-	-	-	-	-		Burn and Scald - - - -	2.9	2	-	1	-	1	-	-	-	-	-	-	
Alcoholism - - - - -	5.2	11	-	-	-	2	9	-	-		Poison - - - - -	0.8	-	-	-	-	-	-	-	-	-	-	-	
Rheumatic Fever, Rheumatism of Heart†	6.7	5	-	-	2	3	-	-	-		Drowning - - - - -	8.2	9	-	-	1	3	4	1	-	-	-	-	
Rheumatism † - - - - -	1.7	-	-	-	-	-	-	1	-		Suffocation - - - - -	9.7	16	14	-	-	1	-	1	-	-	-	-	
Gout - - - - -	3.2	1	-	-	-	-	-	-	-		Otherwise - - - - -	2.0	3	3	-	-	-	-	-	-	-	-	-	
Rickets † - - - - -	2.4	5	2	3	-	-	-	-	-		(HOMICIDE.)													
Cancer - - - - -	43.2	72	1	-	2	7	31	30	1		Murder & Manslaughter -	1.7	2	-	-	-	2	-	-	-	-	-	-	
Tabes Mesenterica - - - -	35.2	34	25	6	2	-	1	-	-		(SUICIDE.)													
Tubercular Meningitis - -	23.9	30	6	14	7	1	2	-	-		Gunshot Wound - - - -	1.0	1	-	-	-	1	-	-	-	-	-	-	
Phthisis - - - - -	169.8	146	5	-	9	81	47	4	-		Cut, Stab - - - - -	1.1	-	-	-	-	-	-	-	1	-	-	-	
Scrofula, Tuberculosis - -	13.6	22	8	7	4	2	1	-	-		Poison - - - - -	1.6	3	-	-	1	1	-	-	-	1	-	-	
Other Constitutional Diseases † - - -	9.3	5	1	-	-	1	1	2	-		Drowning - - - - -	1.1	-	-	-	-	-	-	-	-	-	-	-	
Premature Birth - - - - -	33.0	42	42	-	-	-	-	-	-		Hanging - - - - -	1.7	3	-	-	-	1	1	1	-	-	-	-	
Atelectasis † - - - - -	2.7	2	2	-	-	-	-	-	-		Otherwise - - - - -	0.9	-	-	-	-	-	-	-	-	-	-	-	
Congenital Malformations - - - - -	7.0	8	7	1	-	-	-	-	-		(EXECUTION.)													
Old Age - - - - -	44.0	86	-	-	-	-	-	21	15		Hanging - - - - -	0.0	-	-	-	-	-	-	-	-	-	-	-	
Apoplexy - - - - -	33.8	28	-	-	-	1	8	17	2		OTHER CAUSES † - - - -	74.3	66	57	2	1	1	3	1	1	-	-	-	
Epilepsy - - - - -	5.1	3	-	1	-	1	-	1	-															
Convulsions - - - - -	39.7	46	43	8	-	-	-	-	-															
Other Diseases of Brain and Nervous System †	77.7	68	5	9	5	5	14	20	1															

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enu- merated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from										Inquest Cases, Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON . . .	3,815,704	2504	1361	386	287	-	7	22	44	23	2	19	1	80	62	119	335
WEST DISTRICTS . . .	669,683	387	202	47	59	-	-	4	9	4	-	2	-	8	6	14	61
NORTH DISTRICTS . . .	905,947	547	321	87	61	-	-	4	12	3	2	7	-	14	12	24	75
CENTRAL DISTRICTS . . .	332,238	152	97	26	23	-	1	1	3	3	-	-	-	10	8	13	32
EAST DISTRICTS . . .	692,738	505	287	90	56	-	2	4	7	5	-	3	-	20	9	31	78
SOUTH DISTRICTS . . .	1,365,148	918	454	136	95	-	4	9	13	8	-	7	1	23	27	37	89
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION LONDON . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
WEST DISTRICTS.																	
St. Mary Paddington WHH G.J. & W.M.	69883	47	17	4	5	-	-	-	-	-	-	-	-	-	1	4	2
St. John Paddington H - - G.J.	37380	8	7	2	1	-	-	-	1	-	-	1	-	-	-	-	3
Kensington Town WW - - W.M.	120141	54	42	7	19	-	-	-	1	-	-	1	-	1	-	2	14
Brompton H - - W.M. & C.	43010	13	9	-	3	-	-	-	-	1	-	-	-	-	-	-	3
St. Peter Hammersmith - - W.M.	7899	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Paul Hammersmith H W.M. & G.J.	64340	50	22	9	3	-	-	1	2	1	-	-	-	2	-	2	2
Fulham WW - - W.M. & C.	42900	72	22	5	3	-	-	-	2	3	2	-	-	-	-	-	7
Chelsea South HHH - - D.	6986	15	10	4	-	-	-	1	-	-	-	-	-	2	-	-	3
Chelsea North-west WHHHHH C.	24925	27	12	2	2	-	-	-	-	-	-	-	-	-	-	-	5
Chelsea North-east - - C.	32807	27	4	2	-	-	-	-	-	-	-	-	-	-	-	1	-
May Fair WW - - G.J.	80353	4	10	-	7	-	-	-	-	-	-	-	-	-	1	1	8
Belgrave WHHH - - C.	59220	20	14	2	2	-	-	-	-	-	-	-	-	2	2	2	7
St. John Westminster HHH - - C.	35496	16	8	3	1	-	-	-	1	-	-	-	-	-	-	-	1
St. Margaret Westminster H - - C.	24679	12	12	-	4	-	-	-	1	-	-	-	-	-	2	2	5
St. James Westminster WHH N.R. & G.J.	29941	10	6	3	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Anne Soho HHHHHHH - N.R.	18608	9	4	3	-	-	-	-	-	-	-	-	-	1	-	-	1
NORTH DISTRICTS.																	
All Souls Marylebone HHHH - W.M.	26759	10	9	2	-	-	-	-	-	-	-	-	-	-	-	-	5
Canvish Square HHHH - - W.M.	14891	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.	24809	12	6	3	-	-	-	-	-	-	-	-	-	2	-	1	-
St. Mary Maryleb. HHH G.J. & W.M.	21118	31	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone HHH - W.M.	33700	19	9	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. John Marylebone H - - W.M.	33633	15	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hampstead WW - - H N.R. & W.M.	45452	28	18	2	5	-	-	2	1	-	-	-	-	1	2	1	5
Regent's Park Pancras H - - W.M.	39115	19	12	2	2	-	-	-	-	1	-	-	-	-	1	1	1
Tottenham-court WHHHH N.R. & W.M.	27729	13	13	2	1	-	-	1	-	-	-	1	-	1	-	1	7
Gray's Inn Lane HHH - - N.R.	30247	9	18	6	3	-	-	-	-	-	-	-	-	-	2	4	7
Bomero Town H - - N.R.	84369	23	12	-	2	-	-	-	1	1	-	1	-	-	-	-	2
Camden Town WH - - N.R.	17311	11	13	3	4	-	-	-	-	-	-	-	-	1	1	1	9
Kentish Town W - - N.R.	87487	57	28	9	4	-	-	-	2	-	-	-	-	-	-	3	4
Upper Holloway WW - - N.R.	67946	46	39	9	9	-	-	-	1	-	-	1	-	3	2	2	14
Islington South-west HH - - N.R.	100976	62	33	11	7	-	-	-	-	-	-	1	-	1	-	-	-
Islington South-east - - N.R.	61825	34	19	8	3	-	-	-	-	-	-	-	-	-	1	2	-
Highbury H - - N.R.	52043	89	6	2	1	-	-	-	1	-	-	-	-	-	-	-	-
Stoke Newington H - - N.R.	22781	16	9	2	4	-	-	1	-	-	-	-	-	2	1	2	-
Stamford Hill - - E.L.	9277	5	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.	87610	21	10	3	7	-	-	-	1	-	-	-	-	-	-	-	-
Hackney WW - - E.L. & N.R.	76911	55	40	7	6	-	-	-	5	-	2	2	-	1	1	1	21
South Hackney - - E.L.	38983	21	13	7	3	-	-	-	-	-	-	1	-	1	-	3	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - - N.R.	16631	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.R.	14864	8	11	1	4	-	-	-	-	-	-	-	-	4	-	1	6
St. Giles North - - N.R.	18837	5	2	-	1	-	-	-	-	-	-	-	-	-	2	-	-
St. Martin-in-the-Fields HH N.R. & C.	17506	6	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H - - N.R.	7615	2	1	-	1	-	-	-	-	-	-	-	-	2	-	-	3
St. Clement Danes H - - N.R.	8559	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Strand Union Workhouse, Edmonton w.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo.-the-Martyr HHHHHH N.R.	18871	10	9	2	4	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Eastern W - - N.R.	10706	10	7	1	1	-	-	-	1	1	-	-	-	1	-	-	4
Saffron Hill H - - N.R.	6533	2	2	1	-	-	-	-	-	-	-	-	-	-	1	3	3
St. James Clerkenwell - - N.R.	17516	12	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - N.R.	19281	9	5	2	1	-	-	-	-	-	-	-	-	1	-	2	-
Pentonville - - N.R.	14773	9	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Goswell-street - - N.R.	17508	8	5	1	1	-	-	1	-	-	-	-	-	-	-	-	-
Old-street H - - N.R.	11541	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	1
City-road HHL - - N.R.	18623	26	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Whitecross-street - - N.R.	9217	8	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Finabury - - N.R.	7463	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham w.	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
St. Botolph H - - N.R. & E.L.	11174	8	4	2	-	-	1	-	-	-	-	-	-	-	-	-	1
Cripplegate - - N.R.	7193	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - N.R.	5353	2	14	1	3	-	-	-	2	1	-	-	-	-	-	-	-
St. Bride W - - N.R.	8396	1	1	-	-	-	-	-	-	-	-	-	-	-	4	4	12
Allhallows Barking - - N.R.	18666	2	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.	5652	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K., the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Friday, the 28th September, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of												Deaths from Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwds.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhoea.					
EAST DISTRICTS.																				
lywell Shoreditch	N.R. & E.L.	7376	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
Leonard Shoreditch	HL*	14967	10	14	5	1	-	-	-	-	-	-	1	-	-	3	-			
ton New Town	- N.R.	29937	20	10	1	4	-	-	-	-	-	-	12	-	1	5	-			
ton Old Town	- N.R.	28036	24	11	6	-	-	-	3	1	-	-	-	1	1	-	-			
gerston WH	- N.R. & E.L.	46275	23	23	7	3	-	-	-	-	-	-	-	-	10	1	-			
ckney-road	H	- E.L.	29738	21	9	5	1	-	1	-	-	-	-	1	1	-	-			
en, Bethnal Green	WHL*	- E.L.	47932	34	21	6	0	1	-	-	-	-	1	1	1	9	-			
arch, Bethnal Green	- E.L.	29981	19	7	3	1	-	-	1	-	-	-	-	-	-	-	-			
wn, Bethnal Green	- E.L.	19810	11	9	5	1	-	-	1	-	-	-	4	-	2	-	-			
alfelds	- E.L. & N.R.	22585	10	4	1	-	-	-	-	-	-	-	-	-	2	-	-			
ie End New Town	W	- E.L.	16473	10	12	3	4	-	-	-	-	-	-	-	2	8	-			
itchapel Church	H	E.L. & N.R.	17490	11	22	3	2	-	1	1	-	-	-	1	3	17	-			
odman's Fields	- E.L.	9713	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
igate	- N.R. & E.L.	6102	3	4	1	-	-	-	-	-	-	-	1	1	1	-	-			
George's North	- E.L.	38747	33	16	6	2	-	-	-	-	-	-	2	1	2	-	-			
John, St. George East	W	- E.L.	8410	5	5	1	2	-	-	-	-	-	-	-	4	-	-			
adwell	HH	- E.L. & N.R.	10326	21	5	2	-	-	-	-	-	-	1	-	2	2	-			
telliff	- E.L.	16107	10	4	1	-	-	-	-	-	1	-	1	-	-	-	-			
néhouse	- E.L.	32041	23	14	4	2	-	-	1	-	-	-	-	1	-	-	-			
le End Old Town West	- E.L.	37960	24	10	4	1	-	1	-	-	-	-	1	-	-	2	-			
le End Old Town East	W & H	- E.L.	67653	55	17	6	3	-	2	-	-	-	-	-	1	5	-			
w	- E.L.	37074	28	14	6	8	-	-	-	1	-	-	2	-	1	-	-			
omley	W & H	- E.L.	64359	52	36	7	15	-	-	1	-	-	1	2	5	14	-			
plar	W & H	- E.L.	55077	39	17	7	2	-	1	-	-	-	2	1	3	-	-			
SOUTH DISTRICTS.																				
ristchurch Southwark	WH	L. & S.	18663	11	5	2	1	-	-	-	-	-	-	1	1	-	-			
Saviour Southwark	- S.	14999	7	6	3	-	-	-	-	-	-	-	3	-	1	-	-			
nt-road	- S. & L.	21381	9	14	7	-	-	1	-	-	-	-	2	1	1	-	-			
rough-road	WH	- S. & L.	15953	13	11	3	-	-	2	1	-	-	-	3	3	5	-			
ndon-road	HL	- L. & S.	21318	10	6	2	-	-	-	-	-	-	-	-	2	-	-			
inity Newington	- S. & L.	26672	13	4	1	-	-	-	-	-	-	-	-	-	-	1	-			
Peter Walworth	W	- S. & L.	59555	47	33	12	7	-	2	1	-	1	-	2	-	1	7			
Mary Newington	- L. & S.	21623	14	8	5	-	-	-	-	-	-	-	1	-	-	-	-			
Olave	WH	- S.	11956	5	13	2	1	-	1	-	-	-	-	1	3	5	-			
other Market	- S. & L.	16300	12	4	1	-	-	-	-	-	-	-	1	-	-	-	-			
Mary Magdalen	W	- S.	15689	16	16	5	6	-	-	-	1	-	8	2	3	2	3			
James Bermondsey	- S.	54682	36	18	7	3	-	-	-	-	-	-	2	1	2	-	-			
therbithe	WH	- S. & K.	36024	35	20	4	4	-	-	2	-	-	3	3	9	-	-			
sterloo-road 1st	H	- L. & S.	15195	3	8	3	1	-	-	2	-	-	-	-	-	-	-			
sterloo-road 2nd	H	- L. & S.	16351	22	1	-	1	-	-	-	-	-	-	-	-	-	-			
mbeth Church 1st	H	- L. & S.	19876	14	9	4	3	-	1	-	-	-	1	1	2	5	1			
mbeth Church 2nd	WW	- L. & S.	39859	80	16	2	3	-	-	-	-	-	-	-	9	-	-			
nnington 1st	- S. & L.	45232	32	6	1	1	-	-	-	-	-	-	-	-	1	-	1			
nnington 2nd	- S. & L.	35332	19	10	3	3	-	-	1	1	-	-	-	-	-	-	-			
ixton	W & H	- L. & S.	62837	31	14	1	5	-	-	-	-	-	1	1	1	-	-			
erwood	W	- L.	19017	9	6	3	2	-	1	-	-	-	1	1	1	-	-			
st Batterssea	- S.	54675	43	16	10	7	-	1	-	-	-	-	2	2	2	-	-			
est Batterssea	W & H	- S.	52587	57	24	7	4	-	-	-	-	1	1	1	2	6	-			
apham	H	- S.	36380	20	10	1	3	-	1	-	-	-	-	1	2	-	-			
andsworth	WHL	- S.	28004	24	8	2	3	-	-	-	-	-	-	-	2	-	-			
itney	- S.	13235	6	4	2	-	-	-	-	-	1	-	-	-	-	-	-			
reatham	- L.	25553	16	7	2	2	-	-	-	-	-	-	-	-	-	-	-			
lwich	- L. & S.	5590	2	1	-	1	-	-	-	-	-	-	-	1	1	-	-			
amberwell	W & L*	- S. & L.	59104	47	26	5	9	-	-	-	-	-	-	1	1	11	-			
ekham	W	- S., L., & K.	71089	36	17	7	4	-	1	1	-	-	3	-	-	1	2			
George Camberwell	- L. & S.	50810	47	14	5	3	-	-	-	-	-	-	2	-	1	-	-			
Paul Deptford	W & H	- K.	76752	56	33	8	6	1	6	1	-	2	-	3	2	7	-			
Nicholas Deptford	- K.	7901	3	8	2	1	-	-	-	-	-	-	-	-	-	-	-			
enwich West	H	- K.	21972	10	6	1	3	-	-	2	-	-	-	-	-	13	-			
enwich East	WHH	- K.	24608	10	18	1	8	-	-	-	-	-	-	-	-	-	-			
tham	H	- K.	6048	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
ie	H	- K.	21559	4	3	1	1	-	-	-	-	-	-	-	-	-	-			
isham	WH	- K.	19865	13	5	1	1	-	-	-	-	-	-	-	-	8	-			
denham	H	- L.	26076	20	4	1	2	-	-	-	-	-	-	-	-	-	-			
arlton	H	- K.	10930	6	3	-	-	1	-	-	-	-	-	-	1	1	1			
oolwich Dockyard	- K.	17617	14	3	1	-	-	-	-	-	-	-	-	-	-	-	1			
oolwich Arsenal	HH	- K.	19048	14	8	4	2	-	-	-	-	-	2	-	-	-	-			
umstead, West	H	- K.	14009	12	-	-	-	-	-	-	-	-	-	-	-	-	-			
umstead, East	W	- K.	19241	33	13	4	1	-	-	-	-	-	1	2	2	3	2			
Metropolitan Asylum Hospitals:																				
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Hickmore Hill	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by W:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " " Hoxton New Town sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.
London City " " Mile End Old Town Eastern sub-dist.
London City " " and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.

Spencer & Stepney Sick Asylum in Stepney sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which paupers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th September, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes.
LONDON—OUTER RING		370,924	950,957	763	338	97	88	-	2	8	10	10	3	15	8	14	34	6
30: 1	Carshalton <i>wL</i> -	12228	21118	15	5	1	3	-	-	-	-	1	-	-	1	1	-	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-
37: 1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38: 1	Croydon <i>WwHHL</i> -	20851	101941	63	25	8	11	-	-	-	-	-	-	3	-	2	4	-
2	Mitcham <i>w†</i> -	11697	17932	8	2	1	-	-	-	-	-	1	-	-	-	-	-	-
39: 1	Wimbledon <i>HHH</i> -	3220	15950	14	8	1	5	-	-	-	-	2	-	-	-	-	-	-
2	Kingston <i>WHH</i> -	8549	38354	16	11	4	1	-	-	-	-	-	-	-	-	-	-	-
3	Esher (part of)* -	6601	9221	2	6	-	3	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i> -	4573	18539	10	6	1	1	-	-	-	-	-	-	-	3	3	1	-
40: 1	Richmond <i>WH</i> -	2272	21302	17	9	-	4	-	-	-	-	-	-	-	1	1	4	-
2	Mortlake -	2941	12331	10	6	3	3	-	-	-	-	-	-	1	-	-	-	-
41: 1	Bromley (pt. of)* <i>HH</i>	15669	81142	19	6	3	1	-	-	1	-	1	-	-	-	-	1	-
2	Chislehurst(pt.of)* <i>WHH</i>	14307	15844	15	5	1	2	-	-	-	-	-	-	-	-	-	-	-
42: 1	Bexley <i>H</i> -	13437	24134	18	3	1	1	-	-	-	-	-	-	-	-	-	-	-
2	Dartford (<i>Ww</i> , pls. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury <i>w</i> -	11055	11683	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12089	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-
125: 1	Hillingdon <i>WHH</i> -	6029	10802	9	5	3	-	-	-	-	2	2	-	1	-	-	2	-
2	Uxbridge -	6178	3225	2	4	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i> -	14587	11523	4	5	-	3	-	-	-	-	-	-	-	-	-	2	-
126: 1	Isleworth <i>WHH</i> -	7008	22727	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Twickenham <i>H</i> -	2477	12479	5	5	2	-	-	2	-	-	-	-	-	-	-	3	-
3	Brentford <i>HL</i> -	4345	27649	18	10	-	3	-	-	-	-	-	-	-	-	1	1	-
4	Chiswick -	1340	15975	12	11	2	1	-	-	1	-	1	1	-	-	1	-	-
5	Acton <i>wH</i> -	6083	22876	19	11	2	6	-	-	-	-	-	-	-	1	2	-	-
127: 1	Harrow <i>H</i> -	13809	12796	15	2	-	1	-	-	-	1	-	-	-	-	-	-	-
2	Edgware <i>H</i> -	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Willesden -	4383	27453	33	9	5	1	-	-	-	-	1	1	1	-	-	-	-
4	Hendon <i>W</i> -	8382	10484	11	3	-	-	-	-	-	-	-	-	-	-	-	-	-
137: 1	Bushey -	9331	6621	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138: 1	South Mimms -	15599	6391	3	2	2	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5433	10092	11	4	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>HL</i> -	4688	17615	9	5	1	1	-	-	-	-	-	-	-	-	-	4	-
135: 1	Hatfield (part of)* -	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey <i>H</i> -	3039	37078	29	10	4	2	-	-	-	-	-	-	-	-	-	-	-
2	Tottenham <i>H</i> -	4649	46456	53	23	7	5	-	-	-	-	-	-	-	-	-	1	1
3	Edmonton <i>Ww†</i> -	7483	23463	20	7	1	2	-	-	-	-	-	-	-	-	-	4	-
4	Enfield <i>WH</i> -	12653	19104	9	7	3	1	-	1	-	-	-	-	3	-	-	-	-
5	Waltham Abbey -	11017	5333	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8490	7735	5	3	2	1	-	-	-	-	-	-	-	-	-	-	-
186: 1	Stratford -	882	38065	29	13	6	4	-	-	-	1	-	-	-	1	1	-	-
2	West Ham <i>wwwwwH‡</i> -	7351	101033	123	41	16	4	-	-	3	2	1	-	1	1	2	-	2
3	Leyton <i>WwL</i> -	4372	32430	40	23	9	6	-	-	-	1	-	-	1	-	-	5	2
4	Walthamstow <i>H</i> -	5590	28869	41	8	1	2	-	1	-	-	-	-	-	-	-	-	1
187: 1	Chigwell (part of)* <i>H</i>	11761	9839	8	9	3	2	-	-	-	3	-	-	3	-	-	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189: 1	Romford (part of)* <i>W</i>	6730	3411	1	2	-	2	-	-	-	-	-	-	-	-	-	2	-
2	Ilford -	3193	7645	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	6	5	1	-	-	-	-	-	-	1	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knoeholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Nornaw in Hatfield sub-district; 137: 1, Chiswick sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th September, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include										
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from								Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.
WATER LONDON	448,334	5,642,015	15·7	2·3	1699	483	375	-	9	30	54	33	25	95	70	369
INNER LONDON -	77,410	4,351,738	16·3	2·4	1361	386	287	-	7	22	44	23	22	80	62	335
OUTER RING -	370,924	1,290,277	13·7	1·9	338	97	88	-	2	8	10	10	3	15	8	34

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 00·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CUTTACK	433,219	August 10	-	188	22·6	-	-	-	2	-	-	76	25†
COCHIN	773,196	" 27	350	484	27·7	-	1	?	?	?	?	147	43†
COLOMBO	398,777	" 9	318	323	42·0	-	18	?	?	?	?	83	74
CEYLON	2,260,945	September 21	1100	935	21·5	3	8	2	20*	22	29	108	
CHINA (8 Faubourgs.)	471,606	" 21	260	131	14·4	-	-	-	1	2	1	21	
AMSTERDAM	403,083	" 21	-	-	-	-	-	-	-	-	-	-	-
AMSTERDAM	197,723	" 21	-	-	-	-	-	-	-	-	-	-	-
AMSTERDAM	153,440	" 21	-	-	-	-	-	-	-	-	-	-	-
AMSTERDAM	307,000	" 21	238	120	20·4	-	-	2	8	3	-	8	
AMSTERDAM	228,218	" 14	139	55	12·5	-	-	1	3*	2	-	10	
AMSTERDAM	138,301	" 21	53	64	24·1	-	-	1	14	4	-	5	
AMSTERDAM	842,883	" 14	-	-	-	-	-	-	-	-	-	-	-
AMSTERDAM	1,480,672	" 7	917	495	17·2	-	1	5	15	7	6	101	
AMSTERDAM (State)	575,276	" 14	410	247	22·4	-	-	2	5*	4	7	51	
AMSTERDAM	264,196	" 14	168	90	17·7	?	-	1	10*	?	-	16	
AMSTERDAM	315,000	" 21	227	162	26·9	-	-	1	13*	-	-	17	
AMSTERDAM	281,000	" 14	241	194	35·9	-	-	1	5*	2	1	74	
AMSTERDAM	811,434	" 14	462	287	18·4	-	2	-	4	-	-	34	
AMSTERDAM	304,356	" 14	-	118	20·2	-	-	1	6	-	1	1	
AMSTERDAM	452,907	" 14	310	212	24·3	-	-	8	9	4	4	25	
AMSTERDAM	158,084	" 14	-	82	27·0	-	-	-	2*	1	-	19	
AMSTERDAM	404,449	July 27	201	162	20·9	1	2	-	1	-	9†	20	
AMSTERDAM (11 days)	306,398	August 31	-	-	-	-	-	-	-	-	-	-	
AMSTERDAM	153,375	September 7	82	83	28·2	7	1	-	2*	-	2	17	
AMSTERDAM	374,838	" 5	370	3·6	49·6	-	-	-	7†	1	17	150	
AMSTERDAM	231,396	" 5	177	182	41·0	1	-	-	2*	2	17	53	
AMSTERDAM	1,571,300	" 7	-	703	23·5	-	2	3	16	15	15	121	
AMSTERDAM	814,505	" 7	-	335	20·9	-	1	5	16	3	9	49	
AMSTERDAM	1,040,245	" 7	-	343	17·2	-	-	6	5	1	16	16	
AMSTERDAM	500,343	" 7	-	157	16·4	-	-	1	-	-	8	22	

* Including deaths from croup.

† Including 4 deaths from cholera in Calcutta and 16 in Bombay.

‡ Including 5 deaths from malarial fever.

[Under the Superintendence of the Astronomer Royal.]

DATE.	ELECTRICITY. (See Explanation of Symbols, see Note.)	Registered Sun above Horizon, in hours.	GENERAL REMARKS.
SUNDAY		2.4	12.2
MONDAY		1.7	12.1
TUESDAY		0.0	12.0
WEDNESDAY	The electrometer was used throughout the week.	8.8	11.9
THURSDAY		2.3	11.9
FRIDAY		0.2	11.8
SATURDAY		2.0	11.7
		Sum 17.4	Sum 83.6

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 40. 1889. VOL. L.] WEEK ENDING SATURDAY, OCTOBER 5. [Price 1½d.

General Register Office, Somerset House,
7th October, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·6 per 1000. The death-rates in each of the last four weeks in the several towns, alphabetically arranged, were:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.		Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.
Birkenhead	13·7	15·3	17·3	16·3	Liverpool -	19·6	18·9	18·7	19·2
Birmingham	15·0	14·7	15·8	13·2	London -	14·8	15·2	16·3	16·6
Blackburn	26·7	18·5	28·0	19·8	Manchester	21·1	21·1	24·5	25·8
Bolton	20·9	20·9	21·4	17·7	Newcastle-on-Tyne*	25·6	26·9	27·2	25·3
Bradford*	14·2	17·5	15·3	18·2	Norwich -	16·0	19·9	14·9	23·2
Brighton	13·3	12·4	17·1	18·9	Nottingham	14·7	14·3	12·5	14·9
Bristol	18·0	15·5	18·4	15·9	Oldham	16·1	17·6	14·7	15·8
Cardiff*	16·2	20·4	19·0	11·1	Plymouth -	31·4	22·7	32·7	19·3
Derby	13·2	12·7	16·9	10·1	Portsmouth	18·5	15·1	19·6	17·4
Halifax	27·0	14·2	20·6	20·6	Preston -	27·5	27·5	31·0	19·5
Huddersfield	15·7	18·5	7·9	15·7	Salford*	13·4	18·3	17·1	19·4
Hull -	18·1	20·6	20·1	20·8	Sheffield -	18·7	21·0	19·5	19·5
Leeds	17·4	20·4	18·5	18·1	Sunderland	25·7	25·3	27·6	25·7
Leicester*	14·2	12·8	15·9	10·7	Wolverhampton	18·3	19·0	25·9	24·0

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Bradford, 1·2 in Sunderland, and 1·5 in Preston; from *scarlet fever*, 1·4 in Bolton and 5·3 in Plymouth; from *whooping-cough*, 1·0 in Preston and 1·1 in Bristol; from "*fever*," 1·0 in Manchester and in Birkenhead, 1·2 in Leeds, and 1·3 in Salford; and from *diarrhœa*, 1·7 in Brighton, 1·8 in Salford and in Bradford, and 5·7 in Wolverhampton. The 63 deaths from *diphtheria* in the twenty-eight towns included 45 in London, 7 in Manchester, 5 in Salford, and 2 in Liverpool. No death from small-pox was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2364 BIRTHS and 1381 DEATHS were registered. Allowing for increase of population, the births were 347, and the deaths 77, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the four preceding weeks from 14·0 to 16·3, further rose last week to 16·6. During the thirteen weeks of last quarter the mean death-rate was 16·5 per 1000, and was 2·5 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1381 deaths included 9 from measles, 20 from scarlet fever, 45 from diphtheria, 14 from whooping-cough, 19 from enteric fever, 2 from ill-defined forms of continued fever, 52 from diarrhœa and dysentery, 1 from cholera, and not one from small-pox or typhus; thus, 162 deaths were referred to these diseases, being 43 below the corrected average weekly number.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

No death from *small-pox* was registered, the corrected average being 4. The fatal cases of *measles*, which had numbered 3 and 7 in the two preceding weeks, further rose to 9 last week, but were 12 below the corrected average. The fatal cases of *scarlet fever* further declined to 20 from 25 and 22 in the two preceding weeks, and were 30 below the corrected average; 4 belonged to Newington sanitary area. The 45 deaths from *diphtheria* showed a further increase upon recent weekly numbers, and exceeded the corrected average by 23; 4 belonged to Hackney, 3 to Shoreditch, 6 to Bethnal Green, 3 to Mile End Old Town, 4 to Newington, and 3 to Lambeth sanitary areas. The 14 fatal cases of *whooping-cough* showed a considerable decline from the numbers in recent weeks, and were 10 below the corrected average. The deaths attributed to *diarrhœa* and *dysentery* declined to 52, and were 3 below the corrected average. The 19 deaths referred to *enteric fever* corresponded with the number in the previous week, and were 5 below the corrected average; 6 belonged to Islington sanitary area. The 225 deaths from diseases of the respiratory organs showed a further increase upon recent weekly numbers, but were 22 below the corrected average.

GREATER LONDON.

In Greater London 3138 births and 1739 deaths were registered, corresponding to annual rates of 29·0 and 16·1 per 1000 of the estimated population. In the Outer Ring 18 deaths from diarrhœa, 7 from diphtheria, and 5 from scarlet fever were registered. The deaths from diarrhœa included 3 in Tottenham and 3 in West Ham sub-districts. Three fatal cases of scarlet fever occurred in West Ham and 2 of diphtheria in Hillingdon sub-districts.

DEATHS BELONGING to the SEVERAL SANITARY AREAS of REGISTRATION LONDON registered in the 13 WEEKS ENDING on 28TH SEPTEMBER, 1889.

SANITARY AREAS.	Total Deaths from all Causes.	Deaths from Principal Zymotic Diseases.									Deaths of Infants under 1 Year of Age.	Deaths under 1 Year to 1000 Births registered.
		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Undefined Fever.	Diarrhœa.		
REGISTRATION LONDON	17,576	-	218	190	456	300	5	143	9	1961	5779	183
WEST.												
Paddington - - - -	890	-	1	-	16	3	-	3	-	45	122	168
Kensington - - - -	875	-	1	15	36	5	-	5	-	48	151	171
Hammersmith - - - -	376	-	1	10	11	4	-	3	-	38	128	186
Fulham - - - -	428	-	8	9	7	9	-	-	-	59	181	223
Chelsea - - - -	426	-	6	8	3	15	-	4	1	44	181	203
St. George Hanover Square - - - -	243	-	6	1	9	-	-	6	-	19	120	150
Westminster - - - -	310	-	5	5	8	2	-	1	-	26	81	200
St. James Westminster - - - -	109	-	2	1	2	2	-	1	-	7	80	226
NORTH.												
Marylebone - - - -	616	-	5	4	7	23	1	7	-	39	175	169
Hampstead - - - -	175	-	7	1	8	4	-	-	-	12	43	129
Pancras - - - -	1051	-	10	9	11	23	-	8	-	120	362	207
Islington - - - -	1101	-	15	6	18	12	-	17	-	137	376	164
Hackney - - - -	837	-	1	7	24	5	1	11	-	78	251	157
CENTRAL.												
St. Giles - - - -	213	-	7	-	7	1	-	2	-	22	52	183
St. Martin-in-the-Fields - - - -	86	-	1	1	1	1	-	-	-	7	20	263
Strand - - - -	142	-	1	2	3	2	-	1	-	19	45	254
Holborn - - - -	151	-	3	6	2	2	-	2	-	10	87	152
Clerkenwell - - - -	323	-	4	7	9	4	-	3	-	38	99	192
St. Luke's - - - -	227	-	3	4	4	1	-	2	-	28	76	157
London City - - - -	177	-	4	-	2	1	-	1	-	8	81	163
EAST.												
Shoreditch - - - -	610	-	-	6	23	8	-	6	-	78	218	207
Bethnal Green - - - -	648	-	9	7	54	11	1	7	1	74	231	167
Whitechapel - - - -	839	-	19	-	9	2	-	5	-	48	198	217
St. George-in-the-East - - - -	849	-	4	5	15	1	-	3	-	53	134	267
Stepney - - - -	827	-	1	3	12	4	-	4	-	43	98	192
Mile End Old Town - - - -	471	-	2	15	12	1	1	3	-	64	173	178
Poplar - - - -	653	-	3	6	18	10	-	4	-	60	215	180
SOUTH.												
St. Saviour Southwark - - - -	165	-	-	3	4	7	-	1	-	18	61	296
St. George Southwark - - - -	347	-	5	4	3	6	-	-	-	38	123	284
Newington - - - -	643	-	12	19	16	16	-	1	-	65	197	215
St. Olave Southwark - - - -	71	-	8	1	-	1	-	-	1	10	22	212
Bermondsey - - - -	408	-	8	5	8	7	-	5	-	54	184	181
Rotherhithe - - - -	181	-	2	1	-	4	-	2	-	22	68	179
Lambeth - - - -	1188	-	13	14	49	80	-	5	3	110	381	179
Battersea - - - -	494	-	8	1	5	19	-	5	2	85	286	192
Wandsworth - - - -	450	-	1	5	10	9	-	4	-	49	128	125
Camberwell - - - -	863	-	22	4	24	24	-	3	-	100	305	177
Greenwich - - - -	766	-	19	5	7	15	1	3	-	119	203	208
Lewisham (excluding Penge) - - - -	221	-	2	2	1	2	-	-	-	22	54	160
Woolwich - - - -	180	-	3	-	-	3	-	3	-	15	64	160
Plumstead - - - -	265	-	4	1	3	1	-	-	-	31	57	127

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 21 that occurred outside that area in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals, have been distributed to the sanitary areas from which the deceased inmates were admitted. On the other hand the deaths of 305 non-residents who died in Public Institutions inside London have been excluded from the Table.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·58 ins.; the highest reading was 29·77 ins. on Wednesday evening, and the lowest 29·32 ins. on Friday morning. The mean temperature of the *air* was 48°·9, and 5°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week, the coldest day being Friday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·5 miles per hour, which was 1·1 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·90 of an inch. The duration of registered bright sunshine in the week was 10·0 hours, against 15·5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of SEPTEMBER 1889; according to their returns 177,725,797 gallons or 807,490 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 235 gallons (106·8 decalitres), being rather more than a *ton* by weight, to each house, and, assuming 7·8 persons to each house, 30·1 gallons (13·7 decalitres) to each person, against 29·1 gallons during SEPTEMBER 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	SEPTEMBER. 1888.	SEPTEMBER. 1889.	SEPTEMBER. 1888.	SEPTEMBER. 1889.
TOTAL SUPPLY	742,869	755,821	168,890,449	177,725,797
From Thames	358,208	364,350	83,491,556	88,925,771
From Lea and from other Sources . .	384,661	391,462	85,398,893	88,800,026
THAMES.				
Chelsea	34,701	35,100	9,119,319	9,731,123
West Middlesex	70,739	72,256	15,473,260	15,922,926
Southwark and Vauxhall	110,097	111,504	23,639,307	24,572,920
Grand Junction	54,761	55,678	17,602,470	18,444,702
Lambeth	87,910	89,821	18,257,300	20,254,100
LEA AND OTHER SOURCES.				
New River	150,819	152,871	31,315,000	33,160,000
East London	162,831	166,033	41,505,346	43,204,492
Kent	71,011	72,558	12,578,547	12,435,534

Note.—The Return for September 1889, as compared with that for the corresponding month of 1888, shows an increase of 12,932 houses, and of 8,835,348 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING SEPTEMBER.

*Water-analysis Laboratory, The Yews, Reigate,
30th September, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 1·1, New River 1·4, Colne Valley 1·5, Tottenham 1·6, Southwark 1·9, East London 2·1, Chelsea and Grand Junction 2·3, West Middlesex 2·4, and Lambeth 2·5.

The water drawn from the Thames by the Chelsea, West Middlesex, Grand Junction, and Lambeth Companies has not quite maintained the high degree of organic purity which it exhibited in August, but the Southwark Company's supply in September was quite equal to that of August; and all the rest of the Thames-derived waters were of good summer quality. All were efficiently filtered before delivery.

The water abstracted chiefly from the River Lea by the New River and East London Companies was also efficiently filtered and of high organic purity, more especially the New River Company's supply which slightly surpassed in this respect, two out of the three deep-well waters.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity, the Kent supply being especially distinguished in this respect. All these waters were clear and bright, that of the Colne Valley Company was softened before delivery, and was thus rendered suitable for washing.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and New River, clear and colourless; the remaining waters, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "very slightly turbid and yellowish green in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter. Organic carbon unusually low."

I am, &c.

E. FRANKLAND.

The Registrar General, &c. &c.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

COMPANIES OR LOCAL AUTHORITIES.		Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	September 16th. Cab Rank, Horse Guards, Whitehall.	17° 8	23·66	·111	·025	0	·144	·169	1·7	16·0
	West Middlesex	September 16th. Cab Rank, Portland-road.	18° 8	25·04	·117	·024	0	·163	·187	1·7	16·6
	Southwark	September 16th. Cab Rank, Bricklayers Arms, Old Kent-road.	17° 9	26·80	·086	·024	0	·156	·180	1·7	18·2
	Grand Junction	September 16th. Cab Rank, Uxbridge-road, near Marble Arch.	18° 7	26·14	·110	·023	0	·154	·177	1·7	18·2
	Lambeth	September 16th. Cab Rank, St. George's- road, Southwark.	18° 4	26·32	·122	·027	0	·162	·189	1·7	18·0
	LEA.	September 16th. Cab Rank, Tottenham Court-road.	17° 4	28·96	·057	·025	0	·213	·243	1·7	19·7
	East London	September 16th. Fire Brigade Station, Commercial-road, E.	17° 6	28·82	·097	·024	0	·211	·235	1·0	19·7
Outer Circle.	DEEP WELLS.	September 16th. Mill Lane, Deptford.	12° 5	43·74	·050	·016	0	·517	·533	2·3	29·2
	Colne Valley	September 17th. Bushey.	—	19·00	·069	·017	·005	·399	·420	2·0	8·1
	Tottenham	September 18th. Tottenham.	—	47·84	·082	·015	·040	·494	·542	3·2	26·0
Corporation of Birming- ham*		September 5th. 27, Moseley Street.	17° 2	30·18	·234	·040	·001	·110	·151	1·7	17·7
Corporation of Glasgow†.		September 16th. Loch Katrine Water.	14° 0	2·40	·102	·022	0	·003	·025	0·75	1·1
Column 1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 16th September at the Horse Guards cab-rank, had a temperature of 17°·8 C.; 100,000 lbs. of it contained 23·66 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·111 lb. of carbon and ·025 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·144 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·169 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 16·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 5th October, 1889.

CITIES AND BOROUGHES.	COLA.	Registered during the Week ending 5th Oct., 1889.		Deaths of Persons aged 60 Years and upwards.		The Deaths registered in the Week include										Annual Rate corresponding to the Week's Deaths				TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	From All Causes.		Mean.		In Inches.	In Cent.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
																				Infants under 1 Year of Age.	Persons aged 1 Year or over.	Small-pox.	Measles.				Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified.	From All Causes.	From Diseases in Cols. 6-12.	Highest.	Lowest.	Fahrenheit.	Fahrenheit.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
28 TOWNS.	9,555,406	5,541	3,219		912	683																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

TABLE 2. LONDON.—Births and Deaths Registered in the FORTIETH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88,*	1889
TOTAL Births	2580	2261	2468	2467	2387	2610	2491	2538	2647	2413	2711.1	2364
Males . .	1243	1125	1238	1265	1221	1311	1279	1304	1387	1212	1372.3	1180
Females .	1337	1136	1230	1202	1166	1299	1212	1234	1260	1201	1338.8	1184
TOTAL Deaths	1318	1398	1362	1422	1252	1328	1309	1365	1265	1352	1458.1	1381
Males . .	708	742	679	736	637	705	655	741	688	701	762.5	728
Females .	610	656	683	686	615	623	654	624	577	651	695.6	653

The numbers in this column are the average weekly numbers in the fortieth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 13.	July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.
TOTAL Births	2306	2627	2376	2481	2180	2715	2358	2425	2373	2432	2344	2504	2364
TOTAL Deaths	1605	1556	1553	1532	1366	1382	1240	1263	1170	1236	1267	1361	1381
Ages at													
{ 0–20 years	902	908	898	850	739	727	628	569	535	583	599	644	630
{ 20–40 "	151	164	166	161	139	160	140	172	151	164	157	186	201
{ 40–60 "	232	197	223	209	222	202	197	235	219	207	243	244	230
{ 60–80 "	257	245	212	261	216	235	223	240	216	233	216	245	261
{ at 80 years & upwds.	63	42	49	51	50	53	52	47	49	49	47	42	59
Death													
{ Under 1 year	617	631	599	555	468	447	387	331	306	313	332	386	376
{ 1–5	196	197	216	193	195	195	163	156	141	204	182	165	172
{ 5–20	89	80	83	102	76	85	78	82	83	66	85	93	82
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	30	29	50	25	15	18	9	12	9	10	3	7	9
" " Scarlet fever	9	12	6	11	16	13	16	17	18	17	25	22	20
" " Diphtheria	25	23	44	45	28	36	37	32	30	41	44	44	45
" " Whooping-cough	26	29	19	22	19	17	20	21	23	18	26	23	14
" " Typhus	-	-	-	-	2	-	-	-	1	-	-	2	-
" " Enteric fever	8	7	8	8	6	8	11	12	21	19	11	19	19
" " Simple Cont ^d fever	2	-	1	-	1	-	-	-	1	2	1	1	2
" " Diarrhœa and " " Dysentery	258	273	271	199	175	153	109	78	63	63	73	80	52
" " Cholera	10	10	10	4	4	4	2	1	3	-	1	-	1
" " all the above- mentioned Diseases	368	383	379	314	266	254	204	173	179	175	184	198	162
" " Dis. of Respira- tory System	158	141	160	182	149	162	115	148	142	152	142	189	225
" " Phthisis	127	136	150	126	128	135	139	149	134	137	157	146	148
" " Dis. of Circula- tory System	117	102	91	110	93	111	104	93	95	102	110	112	123
Violent Deaths	83	43	60	70	65	49	56	51	47	49	54	62	62
Inquest Cases	129	83	113	115	114	108	93	93	86	101	96	119	119
Deaths in Public Institutions	356	343	314	325	320	319	279	335	327	316	324	335	335
TEMPERATURE OF THE AIR													
Mean	63.0	58.7	58.1	64.9	60.4	59.3	57.8	60.2	60.5	63.0	51.1	50.6	49.9
Mean of Highest readings	72.9	69.9	67.7	76.2	72.8	69.7	68.1	73.0	69.1	74.6	62.2	58.9	56.7
Mean of Lowest readings	56.2	51.3	51.9	55.3	52.0	52.5	51.1	48.5	55.2	53.8	41.6	42.9	43.8
Humidity of the Air	80	80	82	76	80	82	80	74	83	76	74	80	89
Rain-fall in inches	0.72	0.43	0.90	0.20	0.46	0.19	0.98	0.00	0.54	0.00	0.25	0.85	0.90
Registered Sunshine (in hours)	23.0	28.1	26.5	36.5	46.0	26.8	26.2	53.9	22.6	43.4	40.2	17.4	10.0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Carr Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTIETH Week of the Year 1899.

CAUSES OF DEATH.	Corrected Averages for the 40th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 5th October 1899.										CAUSES OF DEATH.	Corrected Averages for the 40th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 5th October 1899.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-6.	6-20.						0-1.							1-6.	6-20.				
ALL CAUSES - -	1458.1	1381	376	172	82	201	230	261	59	Diseases of Organs of Special Sense † - -	1.4	2	1	-	1	-	-	-	-				
Small-pox { Vaccinated † - -	4.4 {	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - -	107.5	123	-	2	3	20	40	49	9				
Unvaccinated - - -		-	-	-	-	-	-	-	-	Croup - - - - -	13.1	13	1	11	1	-	-	-	-				
No Statement - - -		-	-	-	-	-	-	-	-	Bronchitis - - -	131.0	123	37	28	1	4	13	34	8				
Measles - - - - -	21.2	9	1	8	-	-	-	-	-	Pneumonia - - -	72.1	66	18	15	-	9	11	12	1				
Scarlet Fever - - -	49.6	20	1	11	6	2	-	-	-	Pleurisy - - - -	5.3	5	-	1	-	2	2	-	-				
Typhus - - - - -	1.2	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - -	25.8	18	4	8	2	2	-	6	1				
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-	Dentition † - - -	11.4	8	6	2	-	-	-	-	-				
Infuenza - - - - -	0.1	-	-	-	-	-	-	-	-	Quinsy, Sore Throat †	2.0	1	-	-	-	-	1	-	-				
Whooping-cough - -	24.0	14	5	9	-	-	-	-	-	Enteritis - - - -	8.6	15	7	1	1	2	-	4	-				
Diphtheria - - - -	21.7	45	4	29	11	1	-	-	-	Peritonitis - - -	5.1	4	-	1	3	-	-	-	-				
Simple Continued and Ill-defined Fever - }	2.2	2	-	-	2	-	-	-	-	Diseases of Liver - -	35.5	36	2	-	1	8	12	12	1				
Enteric Fever - - -	23.8	19	-	1	6	6	4	2	-	Other Diseases of Digestive System - }	30.1	27	7	2	1	3	6	8	-				
Cholera - - - - -	1.3	1	-	-	-	1	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - -	1.5	-	-	-	-	-	-	-	-				
Diarrhoea, Dysentery	55.1	52	47	4	-	-	-	1	-	Diseases of Urinary System - - - -	37.5	33	-	3	2	5	10	13	-				
Remittent Fever - -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System - - - -	5.7	8	-	2	-	2	1	3	-				
Hydrophobia - - -	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth -	4.8	3	-	-	-	3	-	-	-				
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Locomotive System † - - -	7.0	10	-	-	5	-	3	2	-				
Cowpox and Effects of Vaccination † - - }	0.0	-	-	-	-	-	-	-	-	Diseases of Integumentary System - - -	6.0	7	1	-	-	-	2	4	-				
Veneral Affections	9.1	10	7	-	-	-	2	1	-	VIOLENT DEATHS. ‡													
Erysipelas - - - -	5.3	4	4	-	-	-	-	-	-	(ACCIDENT.)													
Pyæmia and Septicæmia †	2.6	1	-	-	-	-	1	-	-	Fracture and Contusion	24.4	28	1	2	3	7	0	8	1				
Puerperal Fever - -	4.6	4	-	-	4	-	-	-	-	Gunshot Wound - -	0.1	-	-	-	-	-	-	-	-				
Other Zymotic Diseases †	2.4	1	-	-	-	1	-	-	-	Cut, Stab - - - -	0.3	-	-	-	-	-	-	-	-				
Thrush - - - - -	3.7	-	-	-	-	-	-	-	-	Burn and Scald - -	3.8	6	1	2	1	1	1	-	-				
Worms and other Parasitical Diseases - - }	0.8	1	-	-	-	1	-	-	-	Poison - - - - -	1.9	2	-	1	-	-	1	-	-				
Starvation, Want of Breast-milk † - - }	2.6	5	4	-	-	-	1	-	-	Drowning - - - -	5.8	5	-	-	2	3	-	-	-				
Alcoholism - - - -	4.8	5	-	-	-	2	2	1	-	Suffocation - - -	8.7	12	12	-	-	-	-	-	-				
Rheumatic Fever, Rheumatism of Heart †	8.4	8	-	1	4	-	3	-	-	Otherwise - - - -	2.5	2	1	-	-	-	1	-	-				
Rheumatism † - - -	3.2	2	-	-	-	1	-	1	-	(HOMICIDE.)													
Gout - - - - -	2.3	-	-	-	-	-	-	-	-	Murder & Manslaughter	1.7	-	-	-	-	-	-	-	-				
Rickets † - - - -	2.4	7	3	4	-	-	-	-	-	(SUICIDE.)													
Cancer - - - - -	54.5	51	-	-	1	7	22	17	4	Gunshot Wound - -	0.7	1	-	-	-	1	-	-	-				
Tabs Mesenterica - -	36.5	24	18	5	1	-	-	-	-	Cut, Stab - - - -	1.0	3	-	-	-	3	-	-	-				
Tubercular Meningitis	24.4	16	11	3	2	-	-	-	-	Poison - - - - -	1.5	1	-	-	-	-	1	-	-				
Phthisis - - - - -	159.5	148	-	-	7	80	53	8	-	Drowning - - - -	1.3	-	-	-	-	-	-	-	-				
Scrophula, Tuberculosis	18.3	20	10	2	5	3	-	-	-	Hanging - - - - -	1.5	2	-	-	-	1	1	-	-				
Other Constitutional Diseases † - - }	10.0	10	-	-	1	3	3	3	-	Otherwise - - - -	1.0	-	-	-	-	-	-	-	-				
Premature Birth - - -	33.8	42	42	-	-	-	-	-	-	(EXECUTION.)													
Atelectasis † - - -	8.8	3	3	-	-	-	-	-	-	Hanging - - - - -	0.1	-	-	-	-	-	-	-	-				
Congenital Malformations - }	7.3	19	18	1	-	-	-	-	-	OTHER CAUSES † - -	70.6	65	63	4	-	1	1	1	-				
Old Age - - - - -	44.6	49	-	-	-	-	-	29	20														
Apoplexy - - - - -	42.9	48	-	1	-	5	15	21	6														
Epilepsy - - - - -	7.4	9	-	-	2	2	5	-	-														
Convulsions - - - -	42.3	42	34	7	1	-	-	-	-														
Other Diseases of Brain and Nervous System }	72.1	61	7	8	6	5	6	22	7														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.048 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of												Deaths in Public Institutions.	
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.		
LONDON		3,815,704	2364	1381	376	320	-	9	20	45	14	-	19	2	52	62	119	335
WEST DISTRICTS		669,683	387	234	68	65	-	2	3	4	2	-	5	-	5	11	17	71
NORTH DISTRICTS		905,947	526	316	72	78	-	1	7	17	1	-	8	1	9	13	29	79
CENTRAL DISTRICTS		282,238	128	87	24	9	-	1	-	5	1	-	1	-	5	6	10	24
EAST DISTRICTS		692,738	482	286	81	59	-	3	3	8	4	-	3	1	19	9	29	76
SOUTH DISTRICTS		1,263,143	861	456	131	109	-	2	5	11	6	-	2	-	14	23	34	83
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	2
WEST DISTRICTS.																		
St. Mary Paddington WHH G.J. & W.M.		69898	41	24	8	2	-	-	-	-	-	-	-	-	-	-	-	5
St. John Paddington H - - G.J.		37830	15	13	1	7	-	-	-	-	-	-	1	-	-	3	4	5
Kensington Town Ww - - W.M.		120141	59	45	4	19	-	-	-	1	-	-	1	-	-	2	3	17
Brompton H - - W.M. & C.		43010	10	12	2	6	-	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith - - W.M.		7699	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	2
St. Paul Hammersmith H W.M. & G.J.		64340	47	25	13	6	-	-	-	-	-	-	2	-	1	1	1	2
Fulham Ww - - W.M. & C.		42900	51	29	12	7	-	-	3	-	-	-	-	-	2	-	-	10
Chelsea South HHH - - C.		8966	19	14	5	2	-	1	-	1	-	-	-	-	1	1	2	4
Chelsea North-west WHHHH C.		24925	19	7	1	1	-	-	-	-	-	-	-	-	-	-	-	6
Chelsea North-east - - C.		32807	2	7	3	-	-	1	-	-	-	-	-	-	-	-	1	-
May Fair WW - - G.J.		30353	12	9	2	6	-	-	-	-	-	-	-	-	-	-	-	5
Belgrave WHHH - - C.		59220	27	18	5	5	-	-	-	-	-	-	1	-	-	1	1	8
St. John Westminster HHH - C.		35496	19	6	3	1	-	-	-	-	-	-	1	-	-	2	2	1
St. Margaret Westminster H - C.		24679	8	14	6	1	-	-	-	1	-	-	-	1	1	2	1	6
St. James Westminster WHH N.R. & G.J.		29941	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Anne Soho HHHHHH - N.R.		18608	7	6	2	-	-	-	-	-	1	-	-	-	-	-	-	1
NORTH DISTRICTS.																		
All Souls Marylebone HHHH - W.M.		28759	6	16	2	3	-	-	-	-	1	-	-	-	-	-	1	7
Cavendish Square HHHH - W.M.		14891	5	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-
Rectory Marylebone WH G.J. & W.M.		24809	13	5	1	3	-	-	-	-	-	-	-	-	-	-	-	1
St. Mary Maryleb. HHH G.J. & W.M.		21118	32	9	2	3	-	-	-	-	-	-	-	-	-	-	1	1
Christchurch Marylebone HHH - W.M.		33700	19	8	4	1	-	-	-	-	-	-	-	1	-	-	3	-
St. John Marylebone H - - W.M.		33633	13	6	2	3	-	-	-	-	-	-	-	-	1	1	-	-
Hampstead Ww H N.R. & W.M.		45452	29	16	3	6	-	-	3	-	-	-	-	-	-	-	-	4
Regent's Park Pancras H - - W.M.		89115	14	11	2	3	-	-	-	-	-	-	-	-	1	2	-	-
Tottenham-court WHHHH N.R. & W.M.		27729	14	14	2	6	-	-	-	1	-	-	-	-	1	1	1	11
Gray's Inn Lane HHH - N.R.		30247	16	4	1	-	-	-	-	-	-	-	-	-	1	-	-	1
Somers Town H - - N.R.		34369	21	14	7	2	-	1	-	-	-	-	-	-	1	3	4	-
Camden Town WH - - N.R.		17311	9	14	2	10	-	-	-	-	-	-	-	-	-	1	2	8
Kentish Town W - - N.R.		87457	32	20	7	4	-	-	-	-	-	-	1	-	3	1	2	2
Upper Holloway WWwH - N.R.		67946	46	46	9	1	-	-	-	-	-	3	1	1	1	1	2	21
Islington South-west HH - N.R.		100976	57	26	8	3	-	-	-	-	-	-	-	-	-	-	-	-
Islington South-east - - N.R.		61926	39	16	1	1	-	-	1	-	-	-	1	-	-	1	2	-
Highbury H - - N.R.		32048	21	16	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Stoke Newington H - - N.R.		22781	24	6	2	1	-	-	-	2	-	-	-	-	-	-	-	-
Stamford Hill - - E.L.		9277	7	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-
West Hackney H - - N.R.		37610	25	12	5	1	-	-	-	-	-	-	-	-	-	-	1	2
Hackney WwHH - - E.L. & N.R.		76911	50	44	5	5	-	-	3	14	-	-	2	-	-	2	2	23
South Hackney - - E.L.		39838	14	7	2	2	-	-	-	-	-	-	-	-	-	1	-	-
CENTRAL DISTRICTS.																		
St. George Bloomsbury - - N.R.		16681	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - - N.R.		14884	15	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Giles North - - N.R.		13637	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.		17509	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary-le-Strand H - - N.R.		7515	1	3	1	2	-	-	-	-	-	-	-	-	-	-	-	3
St. Clement Dances H - - N.R.		8559	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strand Union Workhouse, Edmonton w.		-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	3
St. Geo.-the-Martyr HHHHHHH N.R.		13671	11	7	2	3	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Eastern W - - N.R.		10706	4	4	2	1	-	-	-	-	-	1	-	-	1	1	1	-
Saffron Hill H - - N.R.		6538	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-
St. James Clerkenwell - - N.R.		17516	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Amwell Clerkenwell - - N.R.		19281	8	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentonville - - N.R.		14773	14	5	3	-	-	-	-	-	-	-	-	-	-	1	1	-
Goswell-street - - N.R.		17506	9	8	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Old-street H - - N.R.		11541	8	7	2	1	-	-	-	1	-	-	-	1	-	-	1	-
City-road HHL - - N.R.		19628	13	11	4	-	-	-	-	-	-	-	-	-	-	-	2	1
Whitecross-street - - N.R.		9217	8	1	-	-	-	-	-	-	-	-	-	-	1	1	2	1
Finsbury - - N.R.		7462	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - - N.R. & E.L.		11174	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Cripplegate - - N.R.		7193	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - - N.R.		5358	-	15	2	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Bride W - - N.R.		8396	1	-	-	-	-	-	-	2	-	-	-	-	-	3	3	14
Albion Works Barking - - N.R.		13666	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein; namely: *W*—W house; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; *G.J.*—Grand Junction Company; *W.M.*—West Middlesex; *C.*—Chelsea; *S.*—Southwark and Vauxhall; *L.*—Lambeth; *N.R.*—New River; *E.L.*—East London and Kent; the Kent Company.

[illegible]

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Denmark Dock Asylum in Tottenham Court-road sub-district.	Forest & Stepney Sick Asylum " "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in the Hampstead, Hack-
London City " " Mile End Old Town Western sub-dist.	ney, Brixton, and St. Paul, Districts sub-districts, and in Dartford,
	Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which papers are received.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 5th October, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, in- clud- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	774	358	89	122	-	2	5	7	2	4	18	10	19	36	
30: 1	Carshalton <i>wL</i> -	12228	21114	10	10	1	5	-	-	-	-	-	-	-	-	-	6	
2	Epsom (part of)* <i>WwH</i>	9971	10710	4	5	-	3	-	-	-	-	-	-	-	-	-	4	
37: 1	Godstone (part of)* -	2754	1235	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwHHL</i> -	20651	101241	54	81	4	16	-	-	-	-	-	-	1	1	2	1	
2	Mitcham <i>w†</i> -	11627	17932	12	3	1	1	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15350	14	8	4	1	-	-	-	-	1	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	23	6	3	3	-	-	-	-	-	-	2	-	2	2	
3	Esher (part of)* -	6691	9221	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	7	2	1	1	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2272	21302	18	5	-	2	-	-	-	-	-	-	-	-	-	-	
2	Mortlake -	2911	12331	3	6	1	3	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i>	15649	31142	17	7	1	3	-	-	-	-	-	-	-	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	12	4	-	3	-	-	-	-	-	-	-	-	-	-	
42: 1	Bexley <i>H</i> -	13437	24134	18	10	1	5	-	-	-	1	-	-	-	2	2	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	2	
124: 1	Sunbury <i>w</i> -	11055	11686	5	3	1	1	-	-	-	-	-	1	1	-	-	1	
2	Staines <i>W</i> -	13277	12969	9	3	2	1	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10692	4	8	1	3	-	-	-	2	-	1	-	-	-	4	
2	Uxbridge -	6178	3225	3	2	-	2	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	8	4	1	2	-	-	-	-	-	-	-	-	-	-	
126: 1	Isleworth <i>WHH</i> -	7008	23227	10	7	1	2	-	-	-	-	-	-	1	1	1	2	
2	Twickenham <i>H</i> -	2477	12479	7	8	1	2	-	-	-	-	-	-	-	1	1	-	
3	Brentford <i>HL</i> -	4345	27349	16	15	4	3	-	1	-	-	-	-	1	-	-	-	
4	Chiswick -	1340	15975	9	3	-	-	-	-	-	-	-	-	1	-	1	-	
5	Acton <i>wH</i> -	6983	22376	16	6	-	2	-	-	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H</i> -	13809	12796	10	5	1	-	-	-	-	-	-	-	-	-	1	-	
2	Edgware <i>H</i> -	6994	3749	3	3	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	41	14	7	2	-	-	-	-	-	-	1	-	-	-	
4	Hendon <i>W</i> -	8332	10434	9	7	2	-	-	-	1	-	-	1	-	1	2	1	
127: 1	Bushey -	9331	6821	5	3	-	3	-	-	-	-	-	-	-	1	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
128: 1	South Mimms -	15599	6391	5	2	-	1	-	-	-	-	-	-	-	-	-	-	
3	Barnet -	5433	10092	4	2	-	1	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4388	17615	12	13	-	6	-	-	-	-	-	-	-	-	-	4	
129: 1	Hatfield (part of)*	3306	533	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3039	37078	22	13	4	5	-	-	-	-	-	-	-	2	3	-	
2	Tottenham <i>H</i> -	4542	45456	68	31	14	8	-	-	-	1	-	-	3	-	3	1	
3	Edmonton <i>Ww†</i> -	7453	22453	17	6	-	5	-	-	-	-	-	-	1	-	-	3	
4	Enfield <i>WH</i> -	12653	19104	18	2	-	-	-	-	-	-	-	-	-	-	-	-	
5	Waltham Abbey -	11017	5343	4	1	-	-	-	-	-	-	-	-	1	-	-	-	
6	Chesham -	8499	7735	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
126: 1	Stratford -	832	38006	32	13	6	3	-	-	-	-	-	-	1	-	-	-	
2	West Ham <i>wvwH†</i> ‡	7351	101053	124	37	13	6	-	-	3	1	1	1	3	-	-	-	
3	Leyton <i>WwL</i> -	4372	32430	41	15	5	6	-	-	-	-	-	-	-	-	-	4	
4	Walthamstow <i>H</i> -	6520	23869	31	18	5	7	-	1	1	-	-	-	-	1	1	-	
127: 1	Chigwell (part of)* <i>H</i>	11761	9553	11	2	-	1	-	-	-	1	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Romford (part of)* <i>W</i>	6730	3411	1	2	-	2	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	3493	7645	13	2	-	-	-	-	-	1	-	-	-	-	-	-	
3	Barking Town -	4127	9203	8	6	2	1	-	-	-	-	-	-	1	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham & Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospitals, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th October, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
ATER LONDON	448,334	5,642,015	16·1	1·8	1739	465	442	-	11	25	52	16	25	70	72	371		
WER LONDON -	77,410	4,351,738	16·6	1·9	1381	376	320	-	9	20	45	14	21	52	62	335		
UTER RING -	370,924	1,290,277	14·5	1·5	358	89	122	-	2	5	7	2	4	18	10	36		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 652 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,657,164 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.
CUTTACK -	433,219	August 17	-	226	27·2	1	-	-	1	-	80	43†
BAY -	773,196	September 3	281	450	25·7	1	-	?	?	?	132	43†
BRAS -	398,777	August 16	299	319	41·5	-	13	?	?	?	74	69
BRISBANE -	2,260,945	September 28	-	-	-	-	-	-	-	-	-	-
BRUSSELS -	471,606	" 28	245	156	17·2	-	-	-	-	2	1	23
3 Faubourgs.)		" 21	286	127	16·5	-	3	-	1	3	1	-
TERDAM -	403,083	" 28	289	124	16·1	-	3	-	4	3	-	-
TERDAM -	197,723	" 21	156	62	16·2	-	2	-	-	-	-	1
" 28		" 28	136	66	17·4	-	-	-	-	1	-	-
HAGUE -	153,440	" 21	110	46	15·5	-	-	-	-	2	1	1
" 28		" 28	112	47	15·9	-	-	-	-	1	2	-
ENHAGEN -	307,900	" 28	215	132	22·4	-	-	-	11	1	2	10
STOCKHOLM -	228,218	" 21	135	76	17·3	-	-	2	2*	2	2	13
ISTANBUL -	38,301	" 28	80	43	16·2	-	-	-	6	7	-	2
PETERSBURG -	842,883	" 14	-	460	27·9	-	19	10	5	6	15	77
LYON -	1,489,672	" 14	891	529	18·4	-	3	5	27	10	6	89
BOURG(State) -	575,276	" 21	437	212	19·2	-	-	-	14*	7	8	32
EDINBURGH -	264,196	" 21	140	93	18·3	?	-	1	4*	?	-	13
GLASGOW -	315,000	" 28	224	141	23·4	-	1	4	8*	3	-	9
GLoucester -	281,090	" 21	212	155	28·3	-	-	4	-	-	-	51
GENOA -	811,434	" 21	514	291	18·6	-	3	-	2	3	3	32
GLoucester -	304,356	" 21	-	127	21·8	3	-	4	6	1	-	4
GRAZ -	452,907	" 21	331	247	28·4	-	-	4	13	4	11	28
HAMBURG -	158,084	" 21	-	70	23·0	-	-	-	2*	-	-	10
HARBOUR -	404,419	August 3	252	135	23·9	3	1	-	4	2	16†	34
HELSINKI (11 days) -	303,393	" 31	-	-	-	-	-	-	-	-	-	-
ICELAND -	153,375	September 14	106	84	28·6	5	-	-	4*	-	4	21
LYON -	374,338	" 12	390	340	47·3	2	-	-	1	-	23	137
MANCHESTER -	231,396	" 12	187	203	45·8	-	-	-	-	-	7	63
NEW YORK -	1,571,300	" 14	-	624	20·7	-	1	2	19	8	15	95
OSLO -	814,505	" 14	-	323	20·2	-	-	1	13	2	5	40
PHILADELPHIA -	1,040,245	" 14	-	352	17·7	-	-	4	1	5	19	21
RANGOON -	500,343	" 14	-	164	17·1	-	-	1	5	2	6	13

* Including deaths from croup.

† Including 16 deaths from cholera in Calcutta and 15 in Bombay.

‡ Including 12 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, OCTOBER 5TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.			TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.					Rain collected in a gauge receiving surface is 5 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Month and Day.	Phases of the Moon.	Barometer.	Of the Air.					Difference between the Air Temperature and Dew Point Temperature.		Degree of radiation (Saturation 100).	Of Radiation.		Of the Water of the Thames at Deptford.		Oiler's.			Pressure on the Square Foot.		Robinson's.		Mean of 24 hours.	Horizontal Movement of the Air on the Average of 10 Days.	Dens- ity of the Air on the Average of 10 Days.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			High- est.	Lc- est.	Mean daily value.	De- parture from average value.	Mean daily value.	Great- est.	Least.		High- est in the Shade.	Low- est in the Shade.	High- est.	Low- est.	A.M.	P.M.	Great- est.	Least.	lbs.	lbs.	Miles.				Miles.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

GENERAL REMARKS.

Observations are usually taken at 9h, A.M.; 10h; 3h, P.M.; and 9h, P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine, in hours.	Sum Sun 10°-80° F.	GENERAL REMARKS.
SEPTEMBER.	29		1-9	11-7	Fine and partially cloudy till noon; overcast afterwards.
	30		0-3	11-6	Generally overcast with occasional rain till evening; fine at night.
OCTOBER.	1		1-6	11-6	Cloudy. Occasional showers in afternoon.
	2	The electrometer was out of action throughout the week.	1-7	11-5	Fine but cloudy till afternoon; overcast afterwards. Slight occasional rain.
THURSDAY.	3		2-3	11-4	Overcast with frequent rain till afternoon; fine and generally cloudless afterwards.
FRIDAY.	4		0-9	11-4	Cloudy; frequent rain.
SATURDAY.	5		1-3	11-3	Variable in morning; cloudy till evening; fine and generally cloudless at night. Heavy rain about 3 P.M.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 41. 1889. VOL. L.] WEEK ENDING SATURDAY, OCTOBER 12. [Price 1½d.

*General Register Office, Somerset House,
14th October, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.		Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.
Birkenhead	15·3	17·3	16·3	17·8	Liverpool -	18·9	18·7	19·2	19·3
Birmingham	14·7	15·8	13·2	16·2	London -	15·2	16·3	16·6	15·8
Blackburn -	18·5	28·0	19·8	20·7	Manchester -	21·1	24·5	25·8	24·2
Bolton -	20·9	21·4	17·7	17·3	Newcastle-on-Tyne*	26·9	27·2	25·3	25·6
Bradford* -	17·5	15·3	18·2	16·4	Norwich -	19·9	14·9	23·2	16·0
Brighton -	12·4	17·1	18·9	16·3	Nottingham -	14·3	12·5	14·9	14·3
Bristol -	15·5	18·4	15·9	12·3	Oldham -	17·6	14·7	15·8	16·5
Cardiff* -	20·4	19·0	11·1	9·3	Plymouth -	22·7	32·7	19·3	32·7
Derby -	12·7	16·9	10·1	13·8	Portsmouth -	15·1	19·6	17·4	15·5
Halifax -	14·2	20·6	20·6	21·9	Preston -	27·5	31·0	19·5	28·0
Huddersfield	18·5	7·9	15·7	16·9	Salford* -	18·3	17·1	19·4	16·0
Hull -	20·6	20·1	20·8	20·6	Sheffield -	21·0	19·5	19·5	18·3
Leeds -	20·4	18·5	18·1	24·8	Sunderland -	25·3	27·6	25·7	27·6
Leicester* -	12·8	15·9	10·7	14·9	Wolverhampton -	19·0	25·9	24·0	15·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·0 in Preston and 2·3 in Sunderland; from *scarlet fever*, 1·1 in Salford, 1·3 in Leeds, and 6·7 in Plymouth; from *whooping-cough*, 1·5 in Oldham; from "*fever*," 1·0 in Birkenhead; and from *diarrhœa*, 2·0 in Preston, 2·3 in Newcastle-upon-Tyne, and 3·2 in Wolverhampton. The 55 deaths from *diphtheria* in the twenty-eight towns included 35 in London, 4 in Manchester, 3 in Salford, 3 in Liverpool, and 2 in Sheffield. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2595 BIRTHS and 1321 DEATHS were registered. Allowing for increase of population, the births were 140, and the deaths 215, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the five preceding weeks from 14·0 to 16·6, declined again last week to 15·8. During last quarter the mean death-rate was 16·5 per 1000, and was 2·5 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1321 deaths included 13 from measles, 15 from scarlet fever, 35 from diphtheria, 14 from whooping-cough, 1 from typhus, 16 from enteric fever, 28 from diarrhoea and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 122 deaths were referred to these diseases, being 85 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5. The fatal cases of *measles*, which had numbered 3, 7, and 9 in the three preceding weeks, further rose last week to 13, but were 16 below the corrected average. The fatal cases of *scarlet fever*, which had been 25, 22, and 20 in the three previous weeks, further declined last week to 15, and were 38 below the corrected average; 2 belonged to Pancras, 2 to Mile End Old Town, 2 to Lambeth, and 2 to Camberwell sanitary area. The Metropolitan Asylum and London Fever Hospitals contained 1342 scarlet fever patients on Saturday last, against numbers increasing in the preceding fifteen weeks from 559 to 1299; 177 cases were admitted to these hospitals during the week, against 166 and 149 in the two previous weeks. The deaths from *diphtheria*, which had been 44 and 45 in the two preceding weeks, declined last week to 35, but exceeded the corrected average by 14; 2 belonged to Kensington, 5 to Islington, 2 to Hackney, 3 to Bethnal Green, 3 to Whitechapel, 3 (including 2 in Diggon Street) to Mile End Old Town, 2 to Bermondsey, 2 to Wandsworth, and 3 to Camberwell sanitary areas. Eleven of the 35 deaths from diphtheria occurred in hospital, and on Saturday last 116 cases of this disease were under treatment in the Metropolitan Asylum Hospitals, 18 having been admitted during the week against 24, 23, and 32 in the three previous weeks. The 14 fatal cases of *whooping-cough* corresponded with the number in the previous week, and were 10 below the corrected average; 6 occurred in the East group of registration districts. The deaths attributed to *diarrhoea* and *dysentery*, which had been 80 and 52 in the two preceding weeks, further declined last week to 28, and were 20 below the corrected average; 18 were of infants aged under one year, and 5 of children aged between one and five years.

The deaths from *enteric fever*, which had been 19 in each of the two preceding weeks, declined last week to 16, and were 7 below the corrected average; 2 belonged to Fulham, 3 to Marylebone, and 3 to Islington sanitary areas. The death of a child, aged 8 years, in Wandsworth was attributed to typhus. The Metropolitan Asylum Hospitals contained 87 cases of enteric fever, and one of typhus, on Saturday last; 13 cases of enteric fever were admitted during the week, against 13 and 11 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 142, 189, and 225 in the three preceding weeks, further rose last week to 264, but were 28 below the corrected average.

Different forms of violence caused 50 deaths, concerning all but one of which inquests were held. Of these 50 deaths, 4 were cases of suicide, and 1 of manslaughter, while the remaining 45 were attributed to accident or negligence. Eight of these were caused by vehicles in the streets, 4 by burns or scalds, 5 by drowning, and 9 of infants aged under one year by suffocation.

GREATER LONDON.

In Greater London 3435 births and 1644 deaths were registered, corresponding to annual rates of 31·8 and 15·2 per 1000 of the estimated population. In the Outer Ring 9 deaths from diarrhoea, 7 from scarlet fever, 7 from diphtheria, and 6 from measles were registered. Two fatal cases of scarlet fever occurred in Walthamstow, 2 of diphtheria in Hillingdon, and 2 of measles in West Ham and in Walthamstow registration sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·32 ins.; the highest reading was 29·71 ins. on Sunday morning, and the lowest 29·02 ins. on Tuesday evening. The mean temperature of the *air* was 49·8, and 2·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each day of the week, the coldest day being Friday. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 13·5 miles per hour, which was 3·3 miles above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·57 of an inch. The duration of registered bright sunshine in the week was 31·1 hours, against 21·1 hours at Glynde Place, Lewes.

DEATHS AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 12th October, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the Year 1889.			Registered during the Week ending 12th Oct., 1889.			The DEATHS registered in the Week include												Annual Rate per 1000 living corrected to the Week's Deaths			TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGH.
	1.	2.	3.	Deaths of			Deaths from						Inquest Cases.			Causes of Death.			From All Causes.		From Diseases in Colic, &c.		Mean.		In Inches.		In Cent.			
				Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	Uncertified Causes of Death.	From All Causes.	From Diseases in Colic, &c.	Highest.		Lowest.		Fahrenheit.	Centigrade.							
																		19.	20.	21.	22.			23.	24.					
BIRTHS.	DEATHS.	BIRTHS.	DEATHS.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	- 28 TOWNS.				
28 TOWNS*	9,855,406	5642	3201	879	694	-	32	65	55	41	43	116	114	208	544	63	17.5	1.9	61.4	31.4	47.5	8.61	1.01	2.57	-					
LONDON	4,351,738	2595	1321	321	325	-	13	15	35	14	17	28	50	99	314	5	15.8	1.5	61.4	40.0	48.8	9.89	0.57	1.45	LONDON.					
BRIGHTON	121,807	56	38	7	15	-	1	-	-	-	-	1	2	4	5	4	16.3	1.7	58.0	41.0	49.9	9.94	2.08	5.28	BRIGHTON.					
PORTSMOUTH	141,283	91	42	16	9	-	-	-	-	-	-	3	1	2	2	1	16.0	0.4	-	-	-	-	-	-	PORTSMOUTH.					
NORWICH	94,510	62	29	11	8	-	-	-	1	-	-	3	1	2	2	1	32.7	8.0	58.0	39.4	49.7	9.83	1.25	3.17	NORWICH.					
PLYMOUTH	78,295	47	49	10	8	-	-	10	1	1	-	1	1	3	5	2	12.3	0.9	58.0	37.2	48.3	9.06	0.55	1.40	PLYMOUTH.					
BRISTOL	229,361	188	54	18	5	-	-	1	1	1	-	2	1	-	-	-	15.2	3.2	56.7	31.4	44.9	7.17	0.41	1.04	BRISTOL.					
WOLVERHAMPTON	82,544	55	24	10	6	-	-	-	-	-	-	5	-	-	-	-	16.2	2.2	-	-	-	-	-	-	WOLVERHAMPTON.					
BIRMINGHAM	454,835	242	141	39	91	-	1	6	-	4	1	7	10	16	22	-	14.9	1.4	-	-	-	-	-	-	BIRMINGHAM.					
LEICESTER*	150,520	93	43	13	7	-	-	-	-	-	-	4	2	5	6	-	14.3	1.1	56.8	33.5	46.0	7.78	0.52	1.32	LEICESTER.					
NOTTINGHAM	237,812	130	65	22	25	-	1	1	-	-	1	2	1	3	5	1	13.8	1.1	-	-	-	-	-	-	NOTTINGHAM.					
DERBY	98,529	56	26	8	4	-	-	-	-	-	-	2	1	1	5	-	17.8	2.0	-	-	-	-	-	-	DERBY.					
BIRKENHEAD	102,541	67	35	13	7	-	-	1	-	2	1	1	1	1	5	-	17.3	2.5	56.0	38.2	47.7	8.72	1.24	3.15	BIRKENHEAD.					
LIVERPOOL	606,562	294	224	73	31	-	2	6	3	5	2	11	9	9	37	17	19.3	2.7	-	-	-	-	-	-	LIVERPOOL.					
BOLTON	114,670	62	38	14	6	-	1	1	1	1	2	1	1	3	-	2	17.3	2.7	-	-	-	-	-	-	BOLTON.					
MANCHESTER	378,800	242	176	41	82	-	2	2	4	4	5	2	9	17	35	4	24.2	2.6	-	-	-	-	-	-	MANCHESTER.					
SALFORD*	234,233	148	72	26	11	-	1	5	3	-	1	7	1	2	12	2	16.0	3.8	-	-	-	-	-	-	SALFORD.					
OLDHAM	142,405	75	45	17	4	-	1	1	1	4	1	1	1	1	4	1	16.5	2.9	-	-	-	-	-	-	OLDHAM.					
BLACKBURN	121,275	80	48	10	10	-	-	2	-	-	-	3	2	3	5	2	20.7	2.2	-	-	-	-	-	-	BLACKBURN.					
PRESTON	104,194	84	56	19	7	-	2	-	-	1	1	4	-	-	3	3	28.0	4.0	-	-	-	-	-	-	PRESTON.					
HUDDESFIELD.	92,825	42	30	3	7	-	-	-	-	-	-	-	1	1	1	1	16.9	0.0	-	-	-	-	-	-	HUDDESFIELD.					
HALIFAX	81,080	44	34	11	10	-	-	-	-	-	-	-	1	-	2	3	21.9	0.6	-	-	-	-	-	-	HALIFAX.					
BRADFORD	235,055	87	74	13	19	-	1	1	-	2	1	-	2	3	8	2	16.4	1.1	53.8	38.4	45.8	7.67	1.53	3.89	BRADFORD.					
LEEDS	357,449	233	170	40	27	-	-	9	1	3	5	9	4	10	18	-	24.8	3.9	-	-	-	-	-	-	LEEDS.					
SHEFFIELD	327,227	195	115	53	28	-	-	5	2	1	2	2	3	3	14	5	18.3	1.9	-	-	-	-	-	-	SHEFFIELD.					
HULL	208,017	118	82	29	14	-	1	-	-	1	2	6	4	5	6	4	20.6	2.0	57.0	32.0	46.0	7.78	0.95	2.41	HULL.					
SUNDERLAND	134,193	103	71	22	13	-	-	-	1	-	-	4	2	5	8	-	27.6	4.3	-	-	-	-	-	-	SUNDERLAND.					
NEWCASTLE*	160,983	126	79	28	21	-	-	-	-	1	-	7	1	4	7	2	25.6	2.9	56.0	38.0	47.3	8.50	0.98	2.40	NEWCASTLE.					
CARDIFF*	112,712	82	20	3	4	-	-	1	-	-	-	-	3	4	1	-	9.3	0.5	-	-	-	-	-	-	CARDIFF.					
EDINBURGH.	268,900	127	82	12	23	-	1	4	6	-	-	3	3	?	18	18	16.0	2.0	59.6	34.1	47.1	8.39	0.83	2.11	EDINBURGH.					
GLASGOW	523,144	363	219	45	30	-	3	2	6	9	4	8	10	?	30	16	21.6	3.2	58.0	36.8	48.4	9.11	1.43	3.63	GLASGOW.					
DUBLIN	353,632	138	157	33	34	-	2	-	-	-	7	14	3	2	48	18	23.2	3.4	56.7	31.7	47.0	8.33	0.69	1.75	DUBLIN.					

* See note on first page of this Return.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FIRST Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2675	2606	2550	2477	2504	2282	2582	2456	2358	2588	2734.7	2595
Males . .	1380	1318	1356	1256	1280	1168	1319	1237	1192	1330	1399.8	1363
Females .	1295	1288	1194	1221	1224	1114	1263	1219	1166	1258	1334.9	1227
TOTAL Deaths	1366	1405	1460	1563	1438	1344	1346	1274	1351	1536	1535.7	1321
Males . .	729	742	741	791	758	664	667	675	653	768	783.8	679
Females .	637	663	719	772	680	680	679	599	698	768	751.9	642

The numbers in this column are the average weekly numbers in the forty-first weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		July 20.	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.
TOTAL Births	-	2627	2376	2481	2180	2715	2358	2425	2373	2432	2344	2504	2364	2595
TOTAL Deaths	-	1556	1553	1532	1366	1382	1240	1263	1170	1236	1267	1361	1381	1321
Ages at Death	{ 0—20 years	908	898	850	739	727	628	569	535	583	599	644	630	581
	{ 20—40 "	164	166	161	139	160	140	172	151	164	157	186	201	187
	{ 40—60 "	197	228	209	222	202	197	235	219	207	248	244	230	227
	{ 60—80 "	245	212	261	216	235	223	240	216	233	216	245	261	263
	{ at 80 years & upwds.	42	49	51	50	58	52	47	49	49	47	42	59	63
"	{ Under 1 year	631	599	555	468	447	387	331	306	313	332	386	376	321
	{ 1—5	197	216	193	195	195	163	156	141	204	182	165	172	175
	{ 5—20	80	83	102	76	85	78	82	88	66	85	93	82	85
Deaths from Small-pox														
"	" Measles	29	20	25	15	18	9	12	9	10	3	7	9	13
"	" Scarlet fever	12	6	11	16	13	16	17	18	17	25	22	20	15
"	" Diphtheria	23	44	45	28	36	37	32	30	41	44	44	45	35
"	" Whooping-cough	29	19	22	19	17	20	21	28	18	26	23	14	14
"	" Typhus	-	-	-	2	-	-	-	1	-	-	2	-	1
"	" Enteric fever	7	8	8	6	8	11	12	21	19	11	19	19	16
"	" Simple Cont'd fever	-	1	-	1	-	-	-	1	2	1	1	2	-
"	" Diarrhoea and Dysentery }	273	271	199	175	158	109	78	68	63	73	80	52	28
"	" Cholera	10	10	4	4	4	2	1	3	-	1	-	1	-
"	" all the above- mentioned Diseases }	383	379	314	266	254	204	173	179	175	184	198	162	122
"	" Dis. of Respira- tory System }	141	160	182	149	162	115	148	142	152	142	189	225	264
"	" Phthisis	136	150	126	128	135	139	149	134	137	157	146	148	129
"	" Dis. of Circula- tory System }	102	91	110	93	111	104	93	95	102	110	112	123	127
Violent Deaths	-	43	60	70	65	49	56	51	47	49	54	62	62	50
Inquest Cases	-	83	113	115	114	108	93	93	86	101	96	119	119	99
Deaths in Public Institutions	-	348	314	325	320	319	279	335	327	316	324	335	335	314
TEMPERATURE OF THE AIR														
Mean	-	58.7	58.1	64.9	60.4	59.3	57.8	60.2	60.5	63.0	51.1	50.6	48.9	49.8
Mean of Highest readings	-	69.9	67.7	76.2	72.8	69.7	68.1	73.0	69.1	74.6	62.2	58.9	56.7	58.4
Mean of Lowest readings	-	51.3	51.9	55.3	52.0	52.5	51.1	48.5	55.2	53.8	41.6	42.9	43.8	42.6
Humidity of the Air	-	80	82	76	80	82	80	74	88	76	74	80	89	82
Rain-fall in inches	-	0.43	0.90	0.20	0.46	0.19	0.98	0.00	0.54	0.00	0.25	0.85	0.90	0.57
Registered Sunshine (in hours)	-	28.1	26.5	36.5	46.0	26.8	26.2	53.9	22.6	43.4	40.2	17.4	10.0	31.1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 41st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 12th October 1889.										CAUSES OF DEATH.	Corrected Averages for the 41st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 12th October 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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		0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		0-1.	1-5.			5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 2. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from													Deaths in Public Institutions.	Unclassified Cases.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON		3,815,704	2595	1321	321	325	-	13	15	35	14	1	16	-	23	50	99	314	5		
West Districts		669,633	387	226	38	73	-	2	-	5	4	-	6	-	2	7	14	69			
North Districts		905,947	586	335	77	85	-	3	4	12	1	-	5	-	4	7	24	76			
Central Districts		282,238	149	91	27	15	-	1	-	2	-	-	1	-	4	9	11	32			
East Districts		692,738	498	279	81	63	-	4	4	6	6	-	1	-	8	13	25	62			
South Districts		1,265,148	965	390	98	89	-	3	7	10	3	1	3	-	10	14	25	75			
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON																					
West Districts.																					
St. Mary Paddington WHH G.J. & W.M.		69838	50	21	3	6	-	-	-	1	-	-	-	-	-	-	-	6			
St. John Paddington H - - - G.J.		37330	12	15	-	6	-	-	-	-	-	-	3	-	-	1	1	8			
Kensington Town Ww - - - W.M.		120141	44	32	4	14	-	1	-	-	-	-	1	-	-	-	1	8			
Brompton H - - - W.M. & C.		43010	18	9	2	1	-	-	-	2	-	-	-	-	-	-	-	2			
St. Peter Hammersmith - - - W.M.		7899	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith H W.M. & G.J.		64340	48	23	7	4	-	-	-	1	2	-	-	-	1	2	3	6			
Fulham Ww - - - W.M. & C		42900	66	24	5	7	-	1	-	1	1	-	-	-	-	-	-	-			
Chelsea South HHH - - - C.		63936	22	14	4	4	-	-	-	-	-	-	-	-	-	1	2	5			
Chelsea North-west WHHHHH C.		24925	21	18	2	10	-	-	-	-	1	-	-	-	-	-	-	13			
Chelsea North-east - - - C.		32897	31	10	1	8	-	-	-	-	-	-	-	-	-	-	-	-			
May Fair WW - - - G.J.		30353	7	13	1	9	-	-	-	-	-	-	-	-	-	-	-	7			
Belgrave WHHH - - - C.		59220	33	17	4	2	-	-	-	-	-	-	-	-	-	-	1	3	4		
St. John Westminster HHH - - C.		35496	22	9	1	1	-	-	-	-	-	-	-	-	-	1	1	-			
St. Margaret Westminster H - C.		24679	4	9	-	3	-	-	-	-	-	-	-	-	-	-	-	1	5		
St. James Westminster WHH N.R. & G.J		29941	13	8	3	3	-	-	-	-	-	-	-	-	1	-	-	2	1		
St. Anne Soho HHHHHHH - N.R.		18608	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
North Districts.																					
All Souls Marylebone HHHH - W.M.		26759	10	11	2	3	-	-	-	-	-	-	1	-	-	-	1	6	-		
Canvish Square HHHH - - - W.M.		14391	8	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rectory Marylebone WH G.J. & W.M.		24809	11	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Mary Maryleb. HHH G.J. & W.M.		21118	25	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HHH - W.M.		33700	20	8	2	3	-	-	-	-	-	-	-	-	-	-	2	-	-		
St. John Marylebone H - - - W.M.		33633	23	12	4	2	-	-	-	-	-	-	-	-	-	1	2	-	-		
Hampstead Ww - - - N.R. & W.M		45452	28	16	3	6	-	-	2	-	-	-	-	-	1	-	1	3	-		
Regent's Park Pancras H - - W.M.		39115	27	8	3	-	-	2	-	-	-	-	-	-	-	1	1	-	-		
Tottenham-court WHHHH N.R. & W.M.		27729	15	14	1	1	-	-	-	-	-	1	-	-	-	-	-	13	-		
Gray's Inn Lane HHH - - - N.R.		30247	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Somers Town H - - - N.R.		34369	13	9	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Camden Town WH - - - N.R.		17311	11	7	-	5	-	-	-	-	-	-	-	-	-	-	-	5	-		
Kentish Town W - - - N.R.		87437	54	37	6	9	-	-	-	-	-	-	-	-	1	1	3	10	-		
Upper Holloway WWH - - - N.R.		67946	56	31	4	9	-	-	-	-	-	-	-	-	-	1	2	17	-		
Islington South-west HH - - - N.R.		100976	74	46	17	8	-	-	-	2	1	-	2	-	-	1	6	-	-		
Islington South-east - - - N.R.		61825	20	23	12	2	-	1	-	1	-	-	-	-	-	-	2	-	-		
Highbury H - - - N.R.		52043	28	17	4	7	-	-	-	1	-	-	1	-	-	-	-	1	-		
Stoke Newington H - - - N.R.		22731	15	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stamford Hill - - - E.L.		3277	9	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - - N.R.		37610	26	12	8	3	-	-	-	-	-	-	-	-	-	-	-	1	-		
Hackney WwWH - - - E.L. & N.R.		76911	60	46	8	13	-	-	2	6	-	-	-	-	2	2	4	19	-		
South Hackney - - - E.L.		39383	30	15	4	4	-	-	-	-	2	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloomsbury - - - N.R.		16031	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles South WH - - - N.R.		14864	16	7	4	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
St. Giles North - - - N.R.		18937	2	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	7	10	3	1	-	-	-	-	-	-	-	-	1	2	2	5	-		
St. Mary-le-Strand H - - - N.R.		7515	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Clement Dances H - - - N.R.		8559	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
Strand Union Workhouse, Edmonton w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
St. Geo-the-Martyr HHHHHH N.R.		18671	10	9	3	-	-	-	-	1	-	-	-	-	-	-	-	6	-		
St. Andrew Eastern W - - - N.R.		10766	9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Safron Hill H - - - N.R.		6533	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - - N.R.		17516	15	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amwell Clerkenwell - - - N.R.		19281	8	4	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-		
Pentonville - - - N.R.		14773	5	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Goswell-street - - - N.R.		17505	12	5	3	1	-	-	-	-	-	-	-	-	-	-	-	1	1		
Old-street H - - - N.R.		11641	13	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - - N.R.		18623	18	5	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-		
Whitecross-street - - - N.R.		3217	11	2	1	-	-	-	-	-	-	-	-	-	-	1	2	-	-		
Finsbury - - - N.R.		7463	2	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
Holborn Union Workhouse, Mitchen w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - - N.R. & E.L.		11174	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - - N.R.		7193	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - - N.R.		5358	2	15	-	1	-	-	-	-	-	-	1	-	-	-	5	5	14		
St. Bride W - - - N.R.		8396	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - - N.R.		13666	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - - N.R.		6652	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L., East London, and K., the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 12th October, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of			Deaths from											Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
EAST DISTRICTS.																				
St. Leonard Shoreditch	N.R. & E.L.	7376	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	N.R.	14967	10	9	2	2	-	-	-	-	-	1	-	-	-	1	1	1	2	
Hoxton New Town	N.R.	29937	26	20	5	3	-	-	-	-	-	-	-	-	-	1	1	1	3	
Hoxton Old Town	N.R.	28036	13	14	7	3	-	-	-	1	-	-	-	-	-	1	1	1	4	
Aggerston	N.R. & E.L.	46275	19	19	8	3	-	-	-	-	-	-	-	-	-	1	1	1	-	
Bethnal Green North	WHL*	51137	43	17	6	2	-	2	-	1	1	1	-	1	-	-	2	2	-	
Bethnal Green South	-	34399	23	10	2	4	-	-	-	-	1	-	-	-	-	-	1	1	-	
Bethnal Green East	-	41403	30	21	5	4	-	-	1	1	-	-	-	-	-	-	1	7	-	
Spitalfields	-	22685	16	9	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's End New Town	W	16473	21	8	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
Whitechapel Church	H	17490	13	25	3	7	-	-	-	-	-	-	-	-	-	-	1	3	-	
Goodman's Fields	-	9713	4	2	1	1	-	-	-	-	-	-	-	-	-	1	1	2	14	
Edgware	-	6102	3	1	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
St. George's, North	-	38747	37	9	4	2	-	-	-	-	-	-	-	-	-	-	2	2	-	
St. John, St. George East	W	8410	9	12	3	3	-	-	-	-	-	-	-	-	-	-	2	7	-	
Madwell	HH	10885	6	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's	-	16107	7	5	4	3	-	-	-	-	-	-	-	-	-	2	1	2	3	
Edgware	-	32041	23	14	4	3	-	-	-	1	-	-	-	-	-	1	1	-	-	
St. Andrew's End Old Town West	-	37960	40	8	1	-	-	1	-	-	2	-	-	-	-	-	-	-	-	
St. Andrew's End Old Town East	WHL	67653	37	22	4	5	-	-	1	-	1	-	-	-	-	1	-	4	3	
St. Andrew's	-	37074	32	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's	-	64359	42	19	6	2	-	-	-	-	-	1	-	-	-	-	-	-	-	
St. Andrew's	-	55077	39	13	5	3	-	-	-	-	-	-	-	-	-	-	1	9	2	
SOUTH DISTRICTS.																				
St. Andrew's Church Southwark	WH	12663	10	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
St. Andrew's Church Southwark	-	14909	13	6	2	-	-	-	-	1	1	-	-	-	-	1	-	-	-	
St. Andrew's Church	-	21881	16	12	3	1	-	-	-	-	-	-	-	-	-	1	1	2	-	
St. Andrew's Church	-	15953	10	6	-	2	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Andrew's Church	HL	21318	10	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	26672	19	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	59555	17	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	W	21623	19	5	4	-	-	-	-	1	-	-	-	-	-	-	3	6	-	
St. Andrew's Church	-	11956	2	13	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Andrew's Church	-	16900	18	10	3	1	-	-	-	-	1	-	-	-	-	1	3	4	9	
St. Andrew's Church	W	12669	11	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	54682	48	14	4	3	-	-	-	-	-	-	-	-	-	1	-	1	1	
St. Andrew's Church	WH	56024	31	16	6	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. Andrew's Church	-	16195	70	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	16351	22	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	18876	15	11	2	1	-	-	-	-	1	-	-	-	-	-	1	1	6	
St. Andrew's Church	WW	39859	23	18	5	4	-	-	-	-	-	-	-	-	-	3	-	7	1	
St. Andrew's Church	-	45323	39	9	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	35332	21	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	62837	45	18	3	5	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. Andrew's Church	W	19017	11	5	2	2	-	1	-	-	-	-	-	-	-	-	1	1	-	
St. Andrew's Church	-	54675	45	10	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	WHL	52887	66	18	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	36380	28	7	1	2	-	-	-	-	-	-	-	-	-	-	-	2	6	
St. Andrew's Church	WHL	26004	24	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	19255	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	25563	19	7	3	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Andrew's Church	-	5590	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	WHL*	49104	32	27	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	71189	67	20	7	4	-	-	-	-	1	-	-	-	-	-	-	-	15	
St. Andrew's Church	-	50810	53	11	2	3	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	76762	63	19	6	4	-	1	2	2	-	-	-	-	-	-	-	-	3	
St. Andrew's Church	-	7901	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	H	21972	8	9	1	1	-	-	1	-	-	-	-	-	-	1	1	1	-	
St. Andrew's Church	WHL	24608	10	21	6	10	-	-	-	-	-	-	-	-	-	-	-	-	10	
St. Andrew's Church	-	7048	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	21559	9	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	WH	18865	21	3	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-	
St. Andrew's Church	H	24076	21	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
St. Andrew's Church	-	16980	5	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	-	17617	9	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
St. Andrew's Church	HH	1914	14	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	H	14069	18	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Andrew's Church	W	14241	18	10	1	3	-	-	-	-	-	-	-	-	-	-	1	2	4	
Metropolitan Asylum Hospitals:																				
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winchmore Hill	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plaistow	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

the following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the table by w:-

Marylebone Infirmary in Kensington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " in Hoxton New Town sub-district.
Whitechapel " Mile End Old Town Eastern sub-dist.
London City " Mile End Old Town Eastern sub-dist.
and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.

Popular & Stepney Sick Asylum in Stepney sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

† On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 12th October, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes.	
LONDON—OUTER RING		370,924	950,957	840	323	77	92	-	6	7	7	3	3	9	12	21	49	3	
30:1	Carshalton <i>wL</i> -	12298	21118	12	13	2	3	-	-	-	-	1	-	-	-	-	-	8	
2	Epsom (part of)* <i>WwH</i>	9971	10710	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
37:1	Godstone (part of)* -	2754	1235	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwHHL</i> -	20851	101341	69	31	2	10	-	-	1	-	-	-	-	-	-	-	9	
2	Mitcham <i>w†</i> -	11097	17932	5	6	1	1	-	-	-	-	-	-	-	-	1	-	-	
39:1	Wimbledon <i>HHH</i> -	3220	15950	18	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	23	11	3	2	-	-	-	-	-	-	-	-	1	1	-	
3	Esher (part of)* -	8601	9221	4	2	1	-	-	-	-	-	-	-	-	1	1	-	-	
4	Hampton <i>H</i> -	4573	13439	18	5	-	2	-	-	-	-	-	-	-	1	1	-	-	
40:1	Richmond <i>WH</i> -	2272	21302	17	7	-	3	-	1	1	-	-	-	-	-	-	-	2	
2	Mortlake -	2941	12331	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
41:1	Bromley (pt. of)* <i>HH</i>	15689	81142	17	7	1	3	-	-	-	-	-	-	-	-	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14907	15344	15	3	1	1	-	-	-	-	-	-	-	-	-	-	2	
42:1	Bexley <i>H</i> -	18437	24134	15	9	1	4	-	-	-	-	-	-	-	1	1	-	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury <i>w</i> -	11055	11635	2	4	-	4	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	11	3	1	2	-	-	-	-	-	-	1	1	1	1	-	
125:1	Hillingdon <i>WHH</i> -	6029	10802	8	7	-	2	-	-	-	2	-	-	-	1	1	2	-	
2	Uxbridge -	6173	5325	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	4	6	2	2	-	-	-	-	-	-	-	1	1	3	-	
126:1	Isleworth <i>WHH</i> -	7008	22727	23	7	1	1	-	-	-	-	-	-	-	-	1	1	-	
2	Twickenham <i>H</i> -	2477	12479	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27849	19	9	2	3	-	1	-	-	1	-	1	-	1	-	-	
4	Chiswick -	1340	15975	18	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	6082	22876	16	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
127:1	Harrow <i>H</i> -	13809	12796	9	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willersden -	4383	27433	44	17	11	2	-	-	-	-	-	-	2	1	4	-	-	
4	Hendon <i>W</i> -	8382	10484	19	6	2	1	-	-	-	-	-	1	-	1	1	2	-	
137:1	Bushey -	9331	6821	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128:1	South Mimms -	15599	6391	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5483	10092	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4688	17615	14	6	1	1	-	-	-	-	-	-	1	-	-	2	-	
135:1	Hatfield (part of)*	3306	533	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i> -	3039	37078	29	9	2	4	-	-	1	-	-	-	-	-	1	-	-	
2	Tottenham <i>H</i> -	4642	46456	83	29	13	3	-	-	-	1	-	1	2	2	2	1	1	
3	Edmonton <i>Ww†</i> -	7453	23483	26	12	2	8	-	-	-	1	-	-	-	-	-	4	-	
4	Enfield <i>WH</i> -	12653	19104	18	11	3	4	-	-	-	-	-	-	-	-	1	2	-	
5	Waltham Abbey -	11017	5388	9	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8490	7735	10	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford -	882	33606	38	7	-	1	-	-	-	-	-	1	-	-	-	-	-	
2	West Ham <i>wwwH‡</i> -	7351	101033	101	38	12	9	-	2	1	1	1	-	1	1	1	-	2	
3	Leyton <i>WwL</i> -	4572	32430	30	16	3	5	-	-	1	1	-	-	-	-	-	7	-	
4	Walthamstow <i>H</i> -	6520	28869	44	15	5	3	-	2	2	1	-	-	1	-	-	-	-	
137:1	Chigwell (part of)* <i>H</i>	11761	9839	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
139:1	Romford (part of)* <i>W</i>	6730	3411	7	2	-	2	-	-	-	-	-	-	-	1	1	1	-	
2	Ilford -	8493	7645	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northam in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th October, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Col. 8-14.		Deaths of		Deaths from										Deaths in Public institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
GREATER LONDON	448,334	5,642,015	15.2	1.4	1644	398	417	-	19	22	42	17	20	37	62	363		
INNER LONDON -	77,410	4,351,738	15.8	1.5	1321	321	325	-	13	15	35	14	17	28	50	314		
OUTER RING -	870,924	1,290,277	13.1	1.4	323	77	92	-	6	7	7	3	3	9	12	49		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700,622 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS. Stillborn.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.									
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.			
ALCUTTA -	433,219	August 24	-	243	29.2	-	-	-	2	-	85	25†			
BOMBAY -	773,196	September 10	223	436	27.8	2	3	?	?	?	152	41†			
CALCUTTA -	398,777	August 23	353	326	42.4	-	13	?	?	?	83	67			
PARIS -	2,260,945	September 28	1206	948	21.8	4	8	4	25*	8	18	95			
RUSSIA (th 8 Faubourgs.)	471,606	October 5	1191	1012	23.3	3	16	-	27*	14	31	78			
AMSTERDAM -	403,083	" 5	269	146	19.0	-	3	1	4	1	1	-			
ROTTERDAM -	197,723	" 5	144	61	17.3	-	-	-	-	-	-	-			
THE HAGUE -	153,440	" 5	111	46	15.5	-	-	-	-	2	-	-			
COPENHAGEN -	307,000	" 5	204	100	17.0	-	-	1	9	5	2	7			
STOCKHOLM -	228,218	September 28	155	80	18.2	-	-	1	4*	1	1	11			
CHRISTIANIA -	138,300	October 5	74	38	14.3	-	-	1	7	1	-	1			
S. PETERSBURG -	842,883	September 21	-	413	25.6	-	17	7	2	3	12	63			
BERLIN -	1,489,672	" 21	862	501	17.4	-	-	6	30	7	5	65			
HAMBURG (State) -	575,276	" 28	447	249	22.6	-	-	-	7*	4	8	34			
COPENHAGEN -	264,196	" 28	173	92	18.1	?	-	1	7*	?	-	11			
BRISLAU -	315,000	October 5	278	134	22.2	-	-	5	3*	2	-	5			
PRAGUE -	281,000	September 28	221	137	25.0	-	-	-	7*	-	-	28			
VIENNA -	811,434	" 28	408	311	19.9	-	3	1	1	2	1	25			
TRIESTE -	304,356	" 28	-	137	23.5	1	-	4	8	-	5	5			
VIENNA -	452,907	" 28	367	209	24.0	-	-	3	7	3	7	30			
VIENNA -	158,084	" 28	-	86	28.3	-	-	1	-	1	2	13			
VIENNA -	407,936	August 10	249	169	21.6	-	2	-	2	-	13†	30			
VIENNA -	306,398	" 17	250	174	22.2	1	1	-	3	2	17†	32			
VIENNA (11 days) -	154,369	" 31	278	217	23.5	1	6	1	3	3	5	46			
VIENNA -	154,369	September 21	64	79	26.7	7	1	-	4	-	-	13			
VIENNA -	374,838	" 19	414	318	44.3	1	-	-	2*	-	19	118			
ALEXANDRIA -	231,396	" 19	176	213	48.0	-	-	-	2*	3	17	64			
NEW YORK -	1,571,300	" 21	-	683	22.7	-	-	3	10	8	18	99			
BROOKLYN -	834,607	" 21	-	325	20.3	-	-	-	17	2	5	28			
PHILADELPHIA -	1,040,245	" 21	-	377	18.9	-	1	5	9	-	2	16			
BALTIMORE -	500,343	" 21	-	156	16.3	-	-	-	-	-	-	14			

* Including deaths from croup.

† Including 5 deaths from cholera in Calcutta and 7 in Bombay.

‡ Including 8 and 14 deaths respectively from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, OCTOBER 12TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. MONTH AND DAY.		Phases of the Moon.	TEMPERATURE.					TEMPERATURE.					TEMPERATURE.					Wind as deduced from Anemometers.				Rain collected in a Gauge receiving surface is 5 inches above the Average of Ground.		Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Baro- meter.	Of the Air.				Difference between the Air and Dew Point Temperature.		Degree of Hu- midity (equals 100).	Of Radiation.		Of the Water of the Thames at Deptford.		Osler's.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from average daily value. 0 years.	Of the Dew Point.		Mean daily value.	Great- est.	Least.	High- est in Sun's Rays.	Low- est. Grass.	A.M.	P.M.	Great- est.	Mean of 24 hourly obs.	Horizontal Movement of the Air on each Day.	Depar- ture from the Average of 10 Years.				Miles.	Miles.	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°</

DATE.		ELECTRICITY.		Registered Sunshine.		Sun above Horizon.		GENERAL REMARKS.	
OCTOBER.		(For explanation of symbols, see Note.)		in hours.		in hours.			
SUNDAY	6	..	..	0.0	11.2	..	..	Fine in early morning; overcast with occasional rain afterwards.	..
MONDAY	7	..	..	6.5	11.2	..	..	Showerly in morning; fine afterwards, with variable amounts of cloud. A gale of wind.	..
TUESDAY	8	..	..	4.6	11.1	..	..	Very fine till noon; overcast with rain till night; then fine.	..
WEDNESDAY	9	The electrometer was not in action throughout the week.	..	7.0	11.0	..	..	Fine; partially cloudy.	..
THURSDAY	10	..	..	7.1	11.0	..	..	Fine till evening with variable amounts of light cloud; overcast with slight rain at night.	..
FRIDAY	11	..	..	0.0	10.9	..	..	Overcast generally; frequent rain in morning.	..
SATURDAY	12	..	..	5.9	10.9	..	..	Fine. Small amounts of light cloud during day; cloudless at night.	..
MEANS	..	..	..	Sum 33.1	Sum 77.3	..	..	..	..

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1883 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean value of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.61 in. at the beginning of the week to 29.71 in. by 10h. A.M. on the 6th; decreased to 29.16 in. by 9h. A.M. on the 7th; increased to 29.41 in. by 9h. A.M. on the 8th; decreased to 29.02 in. by 9h. P.M. on the 8th to 29.51 in.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 42. 1889. VOL. L.] WEEK ENDING SATURDAY, OCTOBER 19. [Price 1½d.

*General Register Office, Somerset House,
21st October, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·7 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.		Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.
Birkenhead	17·3	16·3	17·8	15·8	Liverpool -	18·7	19·2	19·3	21·5
Birmingham	15·8	13·2	16·2	17·1	London -	16·3	16·6	15·8	16·9
Blackburn -	28·0	19·8	20·7	22·4	Manchester -	24·5	25·8	24·2	22·0
Bolton -	21·4	17·7	17·3	19·1	Newcastle-on-Tyne*	27·2	25·3	25·6	26·3
Bradford* -	15·3	18·2	16·4	20·6	Norwich -	14·9	23·2	16·0	18·2
Brighton -	17·1	18·9	16·3	14·6	Nottingham -	12·5	14·9	14·3	14·5
Bristol -	18·4	15·9	12·3	20·7	Oldham -	14·7	15·8	16·5	17·6
Cardiff*	19·0	11·1	9·3	14·8	Plymouth -	32·7	19·3	32·7	31·4
Derby -	16·9	10·1	13·8	13·2	Portsmouth -	19·6	17·4	15·5	15·9
Halifax -	20·6	20·6	21·9	22·5	Preston -	31·0	19·5	28·0	34·1
Huddersfield	7·9	15·7	16·9	22·5	Salford* -	17·1	19·4	16·0	16·3
Hull -	20·1	20·8	20·6	25·1	Sheffield -	19·5	19·5	18·3	21·4
Leeds -	18·5	18·1	24·8	24·2	Sunderland	27·6	25·7	27·6	23·7
Leicester*	15·9	10·7	14·9	13·5	Wolverhampton -	25·9	24·0	15·2	19·0

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·3 in Halifax, 2·5 in Preston, and 3·9 in Sunderland; from *scarlet fever*, 1·1 in Salford, 1·3 in Sheffield and in Brighton, 1·4 in Bolton, 1·7 in Blackburn, and 10·0 in Plymouth; from *whooping-cough*, 1·1 in Oldham and in Portsmouth, and 1·3 in Wolverhampton; from "*fever*," 1·0 in Leeds and in Birkenhead, 1·3 in Bradford, and 1·5 in Portsmouth; and from *diarrhæa*, 1·3 in Leeds and 2·0 in Preston. The 57 deaths from *diphtheria* in the twenty-eight towns included 41 in London, 3 in Salford, 3 in Sheffield, and 2 in Derby. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2518 BIRTHS and 1410 DEATHS were registered. Allowing for increase of population, the births were 259, and the deaths 230, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6 and 15·8 in the two preceding weeks, rose again last week to 16·9. During the first three weeks of the current quarter the death-rate averaged 16·4 per 1000, and was 2·2 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1410 deaths included 23 from measles, 25 from scarlet fever, 41 from diphtheria, 26 from whooping-cough, 1 from typhus, 11 from enteric fever, 2 from ill-defined forms of continued fever, 22 from diarrhoea and dysentery, and not one from small-pox, or cholera; thus, 151 deaths were referred to these diseases, being 59 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 4. The death of a child, aged 2 years, in Plumstead, was attributed to chicken-pox. The fatal cases of *measles*, which had increased in the four preceding weeks from 3 to 13, further rose last week to 23, but were 11 below the corrected average; 3 belonged to Fulham; 4 to Bethnal Green, 3 to Whitechapel, and 4 (including 2 in Bishop's Road) to Camberwell sanitary areas. The fatal cases of *scarlet fever*, which had declined in the four previous weeks from 25 to 15, rose again last week to 25, but were 29 below the corrected average; 2 belonged to Islington, 4 to Shoreditch, 5 to Mile End Old Town, 2 to Newington, and 4 to Lambeth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1394 scarlet fever patients on Saturday last, against numbers increasing in the preceding sixteen weeks from 559 to 1343; 188 cases were admitted to these hospitals during the week, against 148 and 177 in the two previous weeks. The deaths from *diphtheria*, which had been 45 and 35 in the two preceding weeks, rose again last week to 41 (including 2 hospital cases admitted from New Southgate), and exceeded the corrected average by 17; 3 belonged to Kensington, 2 to Chelsea, 3 to Pancras, 2 to Islington, 4 to Hackney, 2 to Holborn, 3 to Whitechapel, 2 to St. George-in-the-East, 3 to Stepney, 2 to Mile End Old Town, 4 to Lambeth, and 2 to Camberwell sanitary areas. Sixteen of the 41 deaths from diphtheria occurred in hospitals, and on Saturday last 107 cases of this disease were under treatment in the Metropolitan Asylum Hospitals, 22 having been admitted during the week. The 26 fatal cases of *whooping-cough* showed an increase upon recent weekly numbers, and exceeded the corrected average by 1. The deaths attributed to *diarrhoea* and *dysentery*, which had been 80, 52, and 28 in the three preceding weeks, further declined last week to 22, and were 18 below the corrected average.

The deaths from *enteric fever*, which had been 19 and 16 in the two preceding weeks, further declined last week to 11, and were 14 below the corrected average; 4 belonged to the west and 6 (including 2 Camberwell cases) to the south groups of sanitary areas. The deaths of two children, aged between one and five years, were indefinitely referred to febricula and to suppressed fever. The Metropolitan Asylum Hospitals contained 89 cases of enteric fever, and one of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week, against 12 and 13 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the four preceding weeks from 142 to 264, further rose last week to 300, but were 50 below the corrected average.

Different forms of violence caused 57 deaths, concerning all of which inquests were held. Of these 57 deaths, 10 were cases of suicide, and 3 of murder or manslaughter, while the remaining 44 were attributed to accident or negligence. Two of these were caused by horses or vehicles in the streets, 8 by burns or scalds, 7 by drowning, 2 by poison, and 13 (including 10 of infants under one year of age) by suffocation.

GREATER LONDON.

In Greater London 3284 births and 1728 deaths were registered, corresponding to annual rates of 30·4 and 16·0 per 1000 of the estimated population. In the Outer Ring 9 deaths from diphtheria, 9 from whooping-cough, 7 from diarrhoea, 6 from "fever," and 5 from scarlet fever, were registered. Diphtheria caused 3 deaths in Tottenham and 2 in Walthamstow sub-districts; scarlet fever 2 in Bexley, and "fever" 2 in Hendon sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 ins.; the highest reading was 29·79 ins. on Monday morning, and the lowest 28·98 ins. on Saturday morning. The mean temperature of the *air* was 49°·4, and 1°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Tuesday and Wednesday, but was below the average on each of the other days of the week. The general direction of the *wind* was Southerly, and the horizontal movement of the air averaged 8·5 miles per hour, which was 2·2 below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·70 of an inch. The duration of registered bright sunshine in the week, was 17·3 hours, against 26·7 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 19th October, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1889.		Registered during the Week ending 19th Oct., 1889.		The DEATHS registered in the Week include												TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGHES.		
	1.	2.	3.	4.	5.	Deaths of						Deaths from						Mean.				In Cent.		In Inches.	
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Cases of Death.	From All Week's Deaths corresponding to the Cols. 6-12.		Lowest.				Fahrenheit.
																			Highest.	Fahrenheit.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS *	9,555,406	5709	3433	837	736	-	64	98	57	59	53	83	119	229	611	62	18.7	2.3	61.9	29.5	47.1	8.39	0.85	2.16	- 28 TOWNS.
LONDON	4,851,738	2518	1410	320	337	-	23	25	41	26	14	22	57	112	383	9	16.9	1.8	61.9	35.0	49.4	9.67	0.70	1.78	LONDON.
BRIGHTON	121,807	55	34	7	7	-	1	3	-	3	-	-	-	1	5	1	14.6	1.7	60.0	39.0	48.9	9.39	1.35	3.43	BRIGHTON.
PORTSMOUTH	141,263	94	43	11	9	-	2	-	-	-	-	-	-	1	3	7	15.9	3.3	-	-	-	-	-	-	PORTSMOUTH.
NORWICH	94,510	64	33	7	7	-	2	-	-	1	-	1	1	3	4	-	18.2	2.2	-	-	-	-	-	-	NORWICH.
PLYMOUTH	78,225	53	47	7	7	-	-	15	-	1	-	1	1	3	-	-	31.4	11.3	58.1	35.3	48.8	9.33	1.80	4.57	PLYMOUTH.
BRISTOL	229,361	126	91	18	24	-	-	1	1	3	-	2	1	6	13	1	20.7	1.6	57.0	29.5	46.4	8.00	0.68	1.47	BRISTOL.
WOLVERHAMPTON	82,544	35	30	7	9	-	-	-	-	2	-	-	1	3	3	6	19.0	1.9	54.9	31.0	45.1	7.28	0.63	1.60	WOLVERHAMPTON.
BIRMINGHAM	454,835	283	149	41	28	-	4	6	1	1	-	2	5	9	28	4	17.1	1.6	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER	150,520	96	39	11	8	-	-	-	-	1	-	2	3	2	7	2	13.5	1.0	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM	237,812	129	66	22	16	-	1	-	-	1	-	1	2	5	5	1	14.5	1.5	57.2	29.6	46.9	8.28	0.29	0.74	NOTTINGHAM.
DURBY	98,629	61	25	2	8	-	-	-	2	-	-	-	1	1	3	2	13.3	2.1	-	-	-	-	-	-	DURBY.
BIRKENHEAD	102,511	64	31	10	8	-	-	-	-	-	-	-	-	2	5	2	15.8	1.0	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL	606,562	259	250	65	31	-	3	11	1	4	4	8	12	15	43	14	21.5	2.7	55.0	33.4	46.6	8.11	0.33	2.36	LIVERPOOL.
ROLTON	114,670	74	42	10	5	-	-	-	3	1	1	2	2	4	3	-	19.1	3.6	-	-	-	-	-	-	ROLTON.
MANCHESTER	378,800	260	160	34	33	-	1	5	1	-	3	8	4	12	34	1	22.0	2.5	-	-	-	-	-	-	MANCHESTER.
SALFORD	234,283	147	73	14	9	-	1	5	3	-	-	3	2	3	11	3	16.3	2.7	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	80	48	13	8	-	-	-	-	3	-	-	1	2	5	2	17.6	1.5	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	79	52	15	11	-	-	-	-	-	-	-	1	1	2	2	22.4	2.2	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	90	68	24	11	-	-	-	-	-	-	-	1	1	3	4	34.1	6.0	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	50	40	10	14	-	-	-	-	-	-	-	-	1	1	3	22.5	1.7	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	81,080	34	35	8	11	-	2	-	-	-	-	-	-	1	3	-	22.5	1.9	-	-	-	-	-	-	HALIFAX.
BRADFORD	235,056	125	83	18	19	-	5	8	-	2	2	2	2	4	16	-	20.6	4.0	55.8	35.4	45.6	7.56	0.44	1.12	BRADFORD.
LEEDS	357,449	244	166	48	36	-	-	-	-	2	2	3	2	8	26	4	24.2	2.9	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	242	134	27	24	-	-	-	3	-	-	3	5	7	13	6	21.4	2.9	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	150	100	31	26	-	-	2	-	3	3	1	2	2	15	3	25.1	2.3	57.0	34.0	45.8	7.67	0.85	2.16	HULL.
SUNDERLAND	134,193	82	61	20	8	-	-	10	-	-	-	3	2	3	8	1	23.7	6.2	56.0	36.0	46.5	8.05	0.63	1.68	SUNDERLAND.
NEWCASTLE	160,983	124	81	24	19	-	3	1	-	1	2	2	3	6	10	1	26.3	2.9	55.0	40.0	47.5	8.61	1.15	2.92	NEWCASTLE.
CARDIFF	112,712	91	32	13	3	-	-	1	-	-	-	1	1	2	2	-	14.8	1.4	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	159	98	17	25	-	-	1	2	2	1	3	8	?	25	23	19.2	1.8	55.6	36.5	46.0	7.78	0.50	1.27	EDINBURGH.
GLASGOW	528,144	374	235	67	39	-	4	2	4	7	4	5	9	?	34	25	23.2	2.6	56.3	31.5	46.7	8.17	0.14	0.36	GLASGOW.
DUBLIN	353,083	169	179	24	52	-	2	1	-	-	-	6	5	6	70	15	26.5	2.8	57.8	29.2	47.6	8.67	1.89	4.80	DUBLIN.

* See note on first page of this Return.

*Births, Deaths, Meteorology.***TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-SECOND Week of each of the Eleven Years, 1879–89.**

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2637	2362	2631	2358	2370	2812	2572	2647	2568	2459	2777·0	2518
Males . .	1335	1219	1353	1209	1217	1436	1282	1352	1304	1280	1416·2	1287
Females .	1302	1143	1328	1149	1153	1376	1290	1295	1264	1179	1360·8	1231
TOTAL Deaths	1499	1518	1586	1444	1408	1517	1453	1406	1566	1641	1640·4	1410
Males . .	778	797	842	736	722	777	742	714	809	854	847·4	721
Females .	721	721	744	708	686	740	716	692	757	787	793·0	689

The numbers in this column are the average weekly numbers in the forty-second weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.
TOTAL Births	2376	2481	2180	2715	2358	2425	2373	2432	2344	2504	2364	2595	2518
TOTAL Deaths	1553	1532	1366	1382	1240	1263	1170	1236	1267	1361	1381	1321	1410
Ages at Death													
{ 0–20 years	898	850	739	727	628	569	535	583	599	644	630	581	590
{ 20–40 "	166	161	139	160	140	172	151	164	157	186	201	187	209
{ 40–60 "	228	209	222	202	197	235	219	207	248	244	230	227	274
{ 60–80 "	212	261	216	235	223	240	216	233	216	245	261	263	272
{ at 80 years & upwds.	49	51	50	58	52	47	49	49	47	42	59	63	65
" Under 1 year	599	555	468	447	387	331	306	313	332	386	376	321	320
{ 1–5	216	193	195	195	163	156	141	204	182	165	172	175	187
{ 5–20	83	102	76	85	78	82	88	66	85	93	82	85	83
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" Measles	20	25	15	18	9	12	9	10	3	7	9	13	23
" Scarlet fever	6	11	16	13	16	17	18	17	25	22	20	15	25
" Diphtheria	44	45	28	36	37	32	30	41	44	44	45	35	41
" Whooping-cough	19	22	19	17	20	21	28	18	26	23	14	14	26
" Typhus	-	-	2	-	-	-	1	-	-	2	-	1	1
" Enteric fever	8	8	6	8	11	12	21	19	11	19	19	16	11
" Simple Cont ^d fever	1	-	1	-	-	-	1	2	1	1	2	-	2
" Diarrhoea and Dysentery	271	199	175	158	109	78	68	68	73	80	52	28	22
" Cholera	10	4	4	4	2	1	3	-	1	-	1	-	-
" all the above-mentioned Diseases	379	314	266	254	204	173	179	175	184	198	162	122	151
" Dis. of Respiratory System	160	182	149	162	115	148	142	152	142	189	225	264	300
" Phthisis	150	126	128	135	139	149	134	137	157	146	148	129	184
" Dis. of Circulatory System	91	110	93	111	104	93	95	102	110	112	123	127	115
Violent Deaths	60	70	65	49	56	51	47	49	54	62	62	50	57
Inquest Cases	113	115	114	108	93	93	86	101	96	119	119	99	112
Deaths in Public Institutions	314	325	320	319	279	335	327	316	324	335	335	314	333
TEMPERATURE OF THE AIR													
Mean	58·1	64·9	60·4	59·3	57·8	60·2	60·5	63·0	51·1	50·6	48·9	49·8	49·4
Mean of Highest readings	67·7	76·2	72·8	69·7	68·1	73·0	69·1	74·6	62·2	58·9	56·7	58·4	57·8
Mean of Lowest readings	51·9	55·3	52·0	52·5	51·1	48·5	55·2	53·8	41·6	42·9	43·8	42·6	41·6
Humidity of the Air	82	76	80	82	80	74	88	76	74	80	89	82	88
Rain-fall in inches	0·90	0·20	0·46	0·19	0·98	0·00	0·54	0·00	0·25	0·85	0·90	0·57	0·70
Registered Sunshine (in hours)	26·5	36·5	46·0	26·8	26·2	53·9	22·6	43·4	40·2	17·4	10·0	31·1	17·3

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 42nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 19th October 1889.										CAUSES OF DEATH.		Corrected Averages for the 42nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 19th October 1889.									
			Deaths of Persons of the Ages													Deaths of Persons of the Ages									
			ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
				0-1.	1-5.	5-20.						0-1.								1-5.	5-20.				
ALL CAUSES -		1640.4	1410	320	187	83	209	274	272	65	Diseases of Organs of Special Sense † -	3.2	1	-	1	-	-	-	-	-	-	-	-	-	
Small-pox	{ Vaccinated † - Unvaccinated † - No Statement	3.9	-	-	-	-	-	-	-	-	Diseases of Circulatory System -	123.0	115	1	-	5	20	37	44	8	-	-	-		
Measles -		33.9	23	4	19	-	-	-	-	-	Croup -	17.3	13	-	10	3	-	-	-	-	-	-	-		
Scarlet Fever -		53.9	25	4	15	6	-	-	-	-	Bronchitis -	203.4	194	69	32	4	6	26	50	7	-	-	-		
Typhus -		1.0	1	-	-	-	-	1	-	-	Pneumonia -	89.1	65	25	13	1	7	8	11	-	-	-	-		
Relapsing Fever † -		0.0	-	-	-	-	-	-	-	-	Pleurisy -	5.5	3	-	-	-	2	-	1	-	-	-	-		
Influenza -		0.1	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System -	34.5	25	6	2	-	1	5	9	2	-	-	-		
Whooping-cough -		24.5	26	15	10	1	-	-	-	-	Dentition † -	10.3	12	9	3	-	-	-	-	-	-	-	-		
Diphtheria -		24.3	41	3	23	13	2	-	-	-	Quinsy, Sore Throat † -	2.3	-	-	-	-	-	-	-	-	-	-	-		
Simple Continued and Ill-defined Fever -		2.7	2	-	2	-	-	-	-	-	Enteritis -	8.1	8	6	1	-	-	-	-	1	-	-	-		
Enteric Fever -		25.1	11	-	-	1	8	1	1	-	Peritonitis -	7.9	7	-	2	1	1	1	2	-	-	-	-		
Cholera -		0.3	-	-	-	-	-	-	-	-	Diseases of Liver -	32.3	32	1	-	-	5	15	10	1	-	-	-		
Diarrhoea, Dysentery -		40.1	22	14	6	-	-	1	-	1	Other Diseases of Digestive System -	25.4	24	4	1	2	3	4	10	-	-	-	-		
Remittent Fever -		0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † -	1.5	-	-	-	-	-	-	-	-	-	-	-		
Hydrophobia -		0.2	-	-	-	-	-	-	-	-	Diseases of Urinary System -	49.6	38	-	1	-	4	16	16	1	-	-	-		
Glanders -		0.1	-	-	-	-	-	-	-	-	Diseases of Generative System -	6.8	6	-	-	-	6	-	-	-	-	-	-		
Cowpox and Effects of Vaccination † -		0.3	-	-	-	-	-	-	-	-	Accidents of Childbirth -	5.0	2	-	-	-	2	-	-	-	-	-	-		
Veneral Affections -		10.7	13	7	-	-	-	3	3	-	Diseases of Locomotive System † -	8.1	10	2	-	3	2	1	1	1	-	-	-		
Erysipelas -		9.3	6	1	-	-	-	2	2	1	Diseases of Integumentary System -	5.2	5	3	-	-	-	-	1	1	-	-	-		
Pyæmia and Septicæmia †		2.7	1	-	-	1	-	-	-	-	VIOLENT DEATHS. ‡														
Puerperal Fever -		6.4	4	-	-	3	1	-	-	-	(ACCIDENT.)														
Other Zymotic Diseases †		0.9	3	-	1	-	1	-	1	-	Fracture and Contusion -	22.8	13	-	2	2	6	1	1	1	-	-	-		
Thrush -		2.6	-	-	-	-	-	-	-	-	Gunshot Wound -	0.1	-	-	-	-	-	-	-	-	-	-	-		
Worms and other Parasitical Diseases -		0.9	-	-	-	-	-	-	-	-	Cut, Stab -	0.3	1	-	-	-	-	-	1	-	-	-	-		
Starvation, Want of Breast-milk † -		2.4	-	-	-	-	-	-	-	-	Burn and Scald -	5.8	3	1	2	3	1	1	1	-	-	-	-		
Alcoholism -		4.7	10	-	-	-	3	6	1	-	Poison -	17.2	2	-	-	-	1	1	1	-	-	-	-		
Rheumatic Fever, Rheumatism of Heart †		9.0	16	-	-	7	6	3	-	-	Drowning -	5.5	7	-	-	-	2	4	1	-	-	-	-		
Rheumatism †		3.2	2	-	-	-	-	-	2	-	Suffocation -	13.2	13	10	-	-	1	1	1	-	-	-	-		
Gout -		3.3	2	-	-	-	-	1	1	-	Otherwise -	3.2	-	-	-	-	-	-	-	-	-	-	-		
Rickets †		3.7	1	-	1	-	-	-	-	-	(HOMICIDE.)														
Cancer -		58.2	53	-	1	-	6	23	17	1	Murder & Manslaughter	0.9	3	2	-	-	-	1	-	-	-	-	-		
Tabs Mesenterica -		34.2	23	15	4	2	1	1	-	-	(SUICIDE.)														
Tubercular Meningitis -		24.2	26	10	11	5	-	-	-	-	Gunshot Wound -	0.4	2	-	-	-	1	1	-	-	-	-	-		
Phthisis -		184.3	184	1	1	15	37	63	12	-	Cut, Stab -	1.0	4	-	-	-	1	3	-	-	-	-	-		
Scrophula, Tuberculosis -		16.2	12	3	2	1	6	-	-	-	Poison -	0.7	3	-	-	-	-	-	2	-	-	-	-		
Other Constitutional Diseases †		10.3	8	-	-	1	3	3	1	-	Drowning -	1.7	1	-	-	-	-	-	-	-	-	-	-		
Premature Birth -		43.3	40	40	-	-	-	-	-	-	Hanging -	1.2	-	-	-	-	-	-	-	-	-	-	-		
Atelectasia †		2.0	2	2	-	-	-	-	-	-	Otherwise -	0.5	-	-	-	-	-	-	-	-	-	-	-		
Congenital Malformations -		6.9	3	3	-	-	-	-	-	-	(EXECUTION.)														
Old Age -		50.1	43	-	-	-	-	-	18	30	Hanging -	0.0	-	-	-	-	-	-	-	-	-	-	-		
Apoplexy -		42.5	42	-	-	-	3	13	19	7	OTHER CAUSES † -	62.2	35	30	3	-	-	-	-	2	-	-	-		
Epilepsy -		7.9	2	-	-	-	1	1	-	-															
Convulsions -		44.5	31	27	3	1	-	-	-	-															
Other Diseases of Brain and Nervous System		78.8	75	2	15	5	12	10	23	3															

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

		The DEATHS registered in the Week include																						
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from															Inquest Cases.	Deaths in Public Institutions.	Unofficial Deaths.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.								
LONDON		3,815,704	2518	1410	320	337	-	23	25	41	26	1	11	2	22	67	112	333	9					
West Districts		669,638	368	246	51	57	-	4	4	6	6	-	4	-	8	10	19	78	-					
North Districts		905,947	552	313	65	82	-	5	6	15	7	-	-	-	5	9	22	65	-					
Central Districts		782,288	139	98	18	15	-	1	2	2	-	-	1	-	1	3	7	26	1					
East Districts		692,738	594	305	74	66	-	8	8	9	6	-	1	1	4	14	30	78	1					
South Districts		1,265,148	985	448	112	117	-	5	5	9	7	1	5	1	4	21	34	86	8					
METROPOLITAN ASYLUM FOR FETAL OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
WEST DISTRICTS.																								
St. Mary Paddington WHH G.J. & W.M.		69888	48	27	7	5	-	-	-	-	-	-	1	-	2	1	2	3	5	-				
St. John Paddington H - - - G.J.		37330	12	15	3	4	-	-	-	-	-	-	-	-	-	-	2	3	5	-				
Kensington Town W - - - W.M.		120141	64	49	6	15	-	1	-	1	2	-	1	-	-	-	-	1	19	-				
Brompton H - - - W.M. & C.		48010	9	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-				
St. Peter Hammersmith - - - W.M.		7599	1	1	1	-	-	-	-	1	-	-	-	-	-	1	2	2	-	-				
St. Paul Hammersmith H W.M. & G.J.		61340	52	14	1	7	-	-	3	3	2	-	1	-	2	-	4	4	11	-				
Fulham W - - - W.M. & C.		42900	57	34	12	5	-	-	-	-	-	-	-	-	-	1	1	3	-	-				
Chelsea South HHH - - - C.		0396	15	15	5	3	-	-	-	-	-	-	1	-	-	1	1	3	-	-				
Chelsea North-west WHHHH - - - C.		24925	28	19	3	4	-	-	-	-	-	-	-	-	-	-	-	12	-	-				
Chelsea North-east - - - C.		32807	14	7	1	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-				
May Fair WW - - - G.J.		80353	8	8	-	3	-	-	-	-	-	-	-	-	-	-	-	1	5	-				
Belgrave WHHH - - - C.		59220	20	24	6	3	-	-	-	1	1	-	-	-	1	2	3	8	-	-				
St. John Westminster HHH - - - C.		35496	22	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Margaret Westminster H - - - C.		24679	8	13	2	2	-	-	-	-	-	-	-	-	1	1	1	7	-	-				
St. James Westminster WHH N.R. & G.J.		29941	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Anne Soho HHHHHH - - - N.R.		16608	3	6	1	1	-	-	-	-	-	-	-	-	-	1	1	1	-	-				
NORTH DISTRICTS.																								
All Souls Marylebone HHHH - - - W.M.		26759	7	13	2	2	-	-	-	-	1	-	-	-	-	1	1	6	-	-				
Canvondish Square HHHH - - - W.M.		14391	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
Rectory Marylebone WHH G.J. & W.M.		24809	10	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
St. Mary Marylebone HHH G.J. & W.M.		21118	29	6	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-				
Christchurch Marylebone HHH - - - W.M.		33700	13	8	2	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-				
St. John Marylebone H - - - W.M.		33683	11	8	3	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-				
Hampstead W - - - N.R. & W.M.		45452	29	17	5	2	-	1	1	2	1	-	-	-	-	3	4	3	-	-				
Regent's Park Pancras H - - - W.M.		39115	13	12	-	3	-	-	-	-	-	-	-	-	-	1	1	-	-	-				
Tottenham-court WHHHH N.R. & W.M.		27729	11	19	5	3	-	-	1	1	-	-	-	-	-	1	2	15	-	-				
Gray's Inn Lane HHH - - - N.R.		30247	19	11	-	4	-	-	-	-	1	-	-	-	-	1	2	3	-	-				
Somers Town H - - - N.R.		34369	18	9	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-				
Camden Town WH - - - N.R.		17811	11	8	-	4	-	-	-	-	-	-	-	-	-	-	2	5	-	-				
Kentish Town W - - - N.R.		87487	62	30	5	8	-	1	-	1	1	-	-	-	-	1	-	2	4	-				
Upper Holloway WWWH - - - N.R.		67946	43	33	3	11	-	-	-	1	-	-	-	-	-	1	2	8	-	-				
Islington South-west HH - - - N.R.		100976	60	27	14	6	-	-	1	-	-	-	-	-	1	-	-	-	-	-				
Islington South-east - - - N.R.		61825	34	12	2	7	-	-	-	-	1	-	-	-	-	-	-	-	-	-				
Highbury H - - - N.R.		62048	32	16	5	4	-	-	1	-	-	-	-	-	1	1	1	1	-	-				
Stoke Newington H - - - N.R.		22781	18	9	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Stamford Hill - - - E.L.		9277	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
West Hackney H - - - N.R.		37610	23	11	3	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
Hackney W - - - E.L. & N.R.		76911	65	40	8	10	-	1	8	4	2	-	-	-	-	-	-	1	17	-				
South Hackney - - - E.L.		39883	27	15	2	3	-	-	-	4	-	-	-	-	-	-	-	-	-	-				
CENTRAL DISTRICTS.																								
St. George Bloomsbury - - - N.R.		16681	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Giles South WH - - - N.R.		14864	4	9	2	2	-	1	-	-	-	-	-	-	-	1	1	4	-	-				
St. Giles North - - - N.R.		13837	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Martin-in-the-Fields HH N.R. & C.		17508	3	11	3	2	-	-	1	-	-	-	-	-	-	-	-	5	1	-				
St. Mary-le-Strand H - - - N.R.		7515	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Clement Danes H - - - N.R.		8559	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-				
Strand Union Workhouse, Edmonton w.		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
St. Geo. the Martyr HHHHHH N.R.		18871	14	11	1	2	-	-	-	1	-	-	-	-	-	-	1	1	5	-				
St. Andrew Eastern W - - - N.R.		10706	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Saffron Hill H - - - N.R.		6533	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. James Clerkenwell - - - N.R.		17516	16	5	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
Arncliffe Clerkenwell - - - N.R.		19281	11	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
Fentonville - - - N.R.		14773	15	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Goswell-street - - - N.R.		17506	14	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
Old-street H - - - N.R.		11541	7	5	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-				
City-road HHL - - - N.R.		18628	19	6	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Whitecross-street - - - N.R.		9217	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Finsbury - - - N.R.		7463	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Botolph H - - - N.R. & E.L.		11174	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cripplegate - - - N.R.		7193	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-				
St. Sepulchre H - - - N.R.		5358	-	8	-	1	-	-	-	-	-	-	-	-	-	-	-	-	8	-				
St. Bride W - - - N.R.		8396	2	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-				
Albhallows Barking - - - N.R.		13666	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Broad Street H - - - N.R.		5632	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-				

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L., East London, and K., the Kent Company.

						The DEATHS registered in the Week include												
REGISTRATION SUB-DISTRICTS.		Enu-merated Popu-lation, 1881.	Total BIRTHS.	Deaths of							Deaths from							
				Total DEATHS.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con-sulted Fever.	Diarrrhea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																		
New Shore-ditch	N.R. & E.L.	7376	3	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Edward Shoreditch	H L*	14967	7	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Ston New Town w-	- N.R.	28937	21	10	4	3	-	-	1	1	-	-	-	-	-	1	6	-
San Old Town -	- N.R.	28038	26	7	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Gordon WH -	N.R. & E.L.	46276	26	23	4	9	-	-	1	-	-	-	-	-	2	2	13	-
Maid Green North WHL*	- E.L.	51167	37	15	8	3	-	-	1	1	2	-	-	-	1	2	-	-
Maid Green South -	- E.L.	34389	18	9	4	-	-	3	-	-	-	-	1	-	1	-	-	-
Maid Green East -	- E.L.	41405	34	34	3	9	-	1	-	-	1	-	-	-	-	-	16	-
Fildes -	E.L. & N.R.	22685	15	9	2	2	-	2	-	-	-	-	-	-	-	-	-	-
End New Town W	- E.L.	15473	23	7	-	-	-	1	-	-	-	-	1	-	1	2	3	-
Lachapel Church H	E.L. & N.R.	17490	12	13	2	3	-	-	1	-	1	-	-	-	3	3	9	-
Imman's Fields -	- E.L.	9713	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rate -	N.R. & E.L.	6102	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
George's, North	- E.L.	38747	34	11	4	2	-	-	1	-	-	-	-	-	-	1	-	-
John, St. George East W	- E.L.	8410	5	6	-	2	-	-	-	-	-	-	-	-	-	-	4	-
Iwell HH -	E.L. & N.R.	10635	9	8	5	-	-	-	1	-	-	-	-	-	-	-	4	-
Ilfing -	- E.L.	16107	12	5	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Shouse -	- E.L.	32041	25	13	6	1	-	-	-	-	-	-	-	-	-	1	-	-
End Old Town West -	- E.L.	37660	32	18	3	4	-	1	1	-	-	-	-	1	-	2	-	-
End Old Town East WWWH-E.L.	- E.L.	67663	48	30	9	5	-	4	1	1	-	-	-	1	4	4	-	-
I -	- E.L.	37074	28	9	3	1	-	-	-	-	-	-	-	-	-	-	2	-
nley WWH-H -	- E.L.	64359	63	36	8	6	-	-	-	1	-	1	-	1	2	3	17	-
af. WWWH -	- E.L.	56077	39	24	6	7	-	-	1	-	-	-	-	3	7	1	-	-
SOUTH DISTRICTS.																		
Catchurch Southwark WH	L. & S.	12663	14	4	3	-	-	-	-	-	-	-	-	-	-	1	-	-
Baviour Southwark -	- S.	14999	5	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
oad -	- S. & L.	21381	16	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ough-road WH -	- S. & L.	16958	8	6	-	1	-	-	-	-	-	-	-	-	-	-	1	-
d-on-road HL -	- L. & S.	21314	18	6	2	2	-	-	-	-	1	-	-	-	-	1	-	-
ington let -	- S. & L.	40522	18	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Peter Walworth W	- S. & L.	59555	45	29	11	11	-	-	-	1	-	-	-	-	2	3	6	2
Mary Newington -	- L. & S.	11623	12	9	2	2	-	-	-	-	-	1	-	-	1	-	-	2
Olive WH -	- S.																	

Arnylchone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum
Colborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse in Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Colborn " in Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " in Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Finsam, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
London City " in Mile End Old Town Eastern sub-dist.	
" " in Bromley sub-district.	

On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 19th October, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Ename- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes.
LONDON—OUTER RING		370,924	950,957	766	318	75	79	-	1	5	9	9	6	7	9	21	30	
30: 1	Carshalton <i>wL</i> -	12228	21118	6	8	2	-	-	-	-	-	-	1	-	-	-	-	5
2	Epsom (part of)* <i>WwH</i>	9971	10710	8	4	-	1	-	-	-	-	-	-	-	-	1	2	
37: 1	Godstone (part of)* -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwFHI</i> -	20851	101241	47	30	5	9	-	-	-	-	1	1	-	-	1	4	1
2	Mitcham <i>w†</i> -	11697	17932	11	5	1	2	-	-	-	-	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	7	3	2	1	-	-	-	-	-	2	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	34354	29	10	4	1	-	-	-	-	-	-	-	-	-	-	
3	Esher (part of)* -	6601	9221	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13439	10	2	1	-	-	-	-	-	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2272	21302	9	8	2	3	-	-	-	-	-	1	-	-	1	3	1
2	Mortlake -	2941	12331	10	5	-	-	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i>	16689	31142	31	12	2	2	-	-	-	-	-	-	1	3	1	1	1
2	Chislehurst(pt.of)* <i>WHH</i>	14307	15844	5	2	1	1	-	-	-	-	-	-	-	-	-	-	1
42: 1	Bexley <i>H</i> -	18437	24134	15	3	-	1	-	-	-	2	-	-	-	-	-	-	
2	Dartford (<i>Ww</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i> -	11055	11685	7	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W-</i> -	13277	12089	9	1	-	-	-	-	-	-	-	-	-	1	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10802	15	7	1	2	-	-	-	-	1	-	1	-	1	1	2
2	Uxbridge -	6173	5225	3	1	-	-	-	-	-	-	1	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
126: 1	Isleworth <i>WHH</i> -	7008	22727	15	8	-	3	-	-	-	1	-	-	-	-	-	1	1
2	Twickenham <i>H-</i> -	2477	12479	6	5	1	3	-	-	-	-	-	-	-	-	-	1	-
3	Brentford <i>HL</i> -	4345	27649	13	2	1	1	-	-	-	-	-	-	-	-	-	-	
4	Chiswick -	1340	15975	15	4	1	2	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	22376	15	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H-</i> -	13809	12793	10	7	2	2	-	-	-	-	-	1	-	-	-	-	
2	Edgware <i>H</i> -	5994	3749	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willersden -	4583	27453	23	18	6	3	-	-	-	-	-	1	1	-	1	1	-
4	Hendon <i>W</i> -	5382	10434	3	5	1	2	-	-	-	-	-	-	2	-	-	-	2
137: 1	Bushey -	9331	5821	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128: 1	South Mimms -	15599	6391	2	5	-	4	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10092	1	4	1	2	-	-	-	-	1	-	-	-	-	-	2
3	Finchley <i>HL</i> -	4688	17615	14	9	3	1	-	-	-	-	-	-	-	-	1	1	3
135: 1	Hatfield (part of)*	3906	553	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H-</i> -	3039	37078	23	15	1	3	-	-	-	1	-	-	-	-	1	1	1
2	Tottenham <i>H</i> -	4642	46456	59	27	6	4	-	-	-	-	3	-	-	-	1	1	-
3	Edmonton <i>Ww†</i> -	7453	23493	25	8	2	2	-	-	-	-	-	-	-	-	-	-	2
4	Enfield <i>WH</i> -	12653	19104	27	9	2	3	-	-	-	-	-	-	-	1	-	1	1
5	Waltham Abbey -	11017	3344	5	1	-	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8490	7735	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
186: 1	Stratford -	892	38605	24	7	2	2	-	-	-	-	-	-	1	-	-	-	
2	West Ham <i>wowwH‡</i> -	7351	101033	113	42	13	7	-	-	-	1	-	2	-	1	1	2	-
3	Leyton <i>WwL</i> -	4372	32430	45	17	5	2	-	-	-	-	-	-	-	-	-	1	5
4	Walthamstow <i>H</i> -	6520	25359	45	9	1	2	-	-	1	-	2	-	-	1	-	1	-
187: 1	Chigwell (part of)* <i>H</i>	11781	9669	14	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
189: 1	Romford (part of)* <i>W</i>	6730	3411	2	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	16	3	2	1	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1318); 41: 2, Chislehurst sub-district, except the parish of Thevdon Bois (pop. 875); 149: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Thevdon Bois (pop. 875); 149: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th October, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
EATER LONDON	448,334	5,642,015	16.0	1.7	1728	395	416	-	24	30	50	35	20	29	66	363	
INNER LONDON -	77,410	4,351,738	16.9	1.8	1410	320	337	-	23	25	41	26	14	22	57	333	
OUTER RING -	370,924	1,290,277	12.9	1.5	318	75	79	-	1	5	9	9	6	7	9	30	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.									
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.			
LOUTTA - -	433,219	August 31	-	199	23.9	1	1	-	-	1	40	31†			
BOMBAY - -	773,196	September 17	321	511	29.2	-	3	?	?	?	145	50†			
MADRAS - -	398,777	August 30	269	338	44.0	-	12	?	?	?	75	81†			
PARIS - -	2,260,945	October 12	1121	984	22.6	-	4	1	21*	15	21	69			
BRUSSELS (and 8 Faubourgs.)	471,606	" 12	245	165	18.2	-	-	-	-	-	2	25			
AMSTERDAM -	403,083	" 12	312	143	18.6	-	3	-	8	1	1	-			
ROTTERDAM -	197,723	" 12	145	69	18.0	-	-	-	-	-	-	-			
THE HAGUE -	153,440	" 12	96	46	15.5	-	-	-	-	2	1	-			
COPENHAGEN -	307,000	" 12	210	97	10.5	-	-	2	5	2	-	5			
STOCKHOLM -	228,218	" 5	162	95	21.6	-	-	4	3*	1	-	12			
CHRISTIANIA -	138,301	" 12	83	72	27.1	-	-	-	12*	2	2	9			
PETERSBURG	842,883	September 28	-	387	24.0	2	13	9	3	6	7	49			
BERLIN - -	1,489,672	" 28	933	493	17.1	-	1	6	32	6	4	53			
AMSTERDAM (State)	675,276	October 5	419	220	20.0	-	-	1	9*	6	8	27			
BERGSEN - -	261,196	" 5	175	88	17.3	?	-	-	3*	?	-	9			
BRISLAU - -	315,000	" 12	252	133	22.9	-	1	1	6*	3	1	8			
BRUNNICH -	281,000	" 5	217	146	27.0	-	-	3	3*	1	1	25			
BRUNNICH -	811,434	" 5	526	283	18.5	-	6	1	4	2	1	25			
BRAGUE - -	304,356	" 5	-	126	21.6	2	-	7	5	3	-	-			
BRUDA-PESTH -	452,907	" 5	339	179	20.5	-	-	4	5	1	6	16			
BRISTOL - -	158,084	" 5	-	54	17.8	-	-	1	-	2	1	3			
BOMBAY - -	407,936	August 24	256	185	23.7	2	-	-	2	-	14†	40			
BRUNNICH (10 days)-	306,398	September 10	220	193	23.0	-	7	4	2	3	5	38			
BRUNNICH - -	154,369	" 28	82	79	26.7	8	-	-	1	-	1	19			
BRUNNICH - -	374,838	" 26	394	315	43.8	-	-	-	-	-	13	120			
ALEXANDRIA -	231,396	" 26	181	185	41.7	1	-	-	2*	1	12	52			
NEW YORK - -	1,571,300	" 28	-	641	21.3	-	1	3	17	12	7	57			
BROOKLYN - -	834,607	" 28	-	308	19.3	-	-	-	13	-	5	22			
PHILADELPHIA -	1,040,245	" 28	-	312	15.6	-	-	2	3	2	15	9			
ALTIMORE - -	500,343	" 28	-	161	16.8	-	-	-	5	-	9	10			

* Including deaths from croup.

† Including 6 deaths from cholera in Calcutta, 5 in Bombay, and 3 in Madras.

‡ Including 12 deaths from malarial fever.

TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, OCTOBER 19TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.	MONTH AND DAY.	PHASES OF THE MOON.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge whose surface is 5 inches above the level of the Ground. 10 Years.	Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			Baro-Meter.	Of the Air.			Of the Water of the Thames at Deptford.	Of Radiation.	Degree of Humidity (Saturation equals 100).	Difference between the Air Temperature and the Dew Point Temperature.		Of the Water of the Thames at Deptford.		Oiler's.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Mean and re-rected (cor-rected) from 32° to 50° Fahr-tem-pera-ture.	High-est.	Low-est.				Mean daily value.	Difference between the Air Temperature and the Dew Point Temperature.	High-est.	Low-est.	General Direction.	Pressure on the Square Foot.	Horizontal Movement of the Air on each Day.	Departure from Average of 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
SUN.	13	..	29.660	56.5	35.0	21.5	45.5	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS;

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,
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No. 43. 1889. VOL. L.] WEEK ENDING SATURDAY, OCTOBER 26. [Price 1½d.

General Register Office, Somerset House,
28th October, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.		Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.
Birkenhead	16·3	17·8	15·8	9·7	Liverpool - -	19·2	19·3	21·5	20·6
Birmingham	13·2	16·2	17·1	17·0	London - -	16·6	15·8	16·9	15·7
Blackburn -	19·8	20·7	22·4	22·8	Manchester -	25·8	24·2	22·0	24·0
Bolton -	17·7	17·3	19·1	19·1	Newcastle-on-Tyne*	25·3	25·6	26·3	27·6
Bradford*	18·2	16·4	20·6	17·1	Norwich -	23·2	16·0	18·2	10·5
Brighton -	18·9	16·3	14·6	19·3	Nottingham -	14·9	14·3	14·5	18·2
Bristol -	15·9	12·3	20·7	14·1	Oldham - -	15·8	16·5	17·6	21·6
Cardiff*	11·1	9·3	14·8	13·9	Plymouth -	19·3	32·7	31·4	28·0
Derby -	10·1	13·8	13·2	11·7	Portsmouth -	17·4	15·5	15·9	11·8
Halifax -	20·6	21·9	22·5	23·2	Preston - -	19·5	28·0	34·1	29·0
Huddersfield	15·7	16·9	22·5	18·0	Salford* - -	19·4	16·0	16·3	13·6
Hull - -	20·8	20·6	25·1	20·3	Sheffield - -	19·5	18·3	21·4	18·8
Leeds -	18·1	24·8	24·2	19·9	Sunderland -	25·7	27·6	23·7	22·9
Leicester*	10·7	14·9	13·5	15·9	Wolverhampton -	24·0	15·2	19·0	22·8

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·5 in Preston, 1·6 in Newcastle-upon-Tyne, and 2·7 in Sunderland; from *scarlet fever*, 1·1 in Liverpool and 4·7 in Plymouth; from *whooping-cough*, 1·5 in Preston; from "*fever*," 1·1 in Nottingham and 1·3 in Halifax; and from *diarrhoea*, 1·1 in Norwich and 1·5 in Preston. The 53 deaths from *diphtheria* in the twenty-eight towns included 37 in London, 3 in Salford, and 2 in Cardiff. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2580 BIRTHS and 1310 DEATHS were registered. Allowing for increase of population, the births were 287, and the deaths 355, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·8 and 16·9 in the two preceding weeks, declined again last week to 15·7. During the first four weeks of the current quarter the death-rate averaged 16·3 per 1000, and was 2·6 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1310 deaths included 17 from measles, 27 from scarlet fever, 37 from diphtheria, 22 from whooping-cough, 1 from typhus, 21 from enteric fever, 1 from

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

an ill-defined form of continued fever, 15 from diarrhœa and dysentery, and not one from small-pox, or cholera; thus, 141 deaths were referred to these diseases, being 63 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 6. The fatal cases of *measles*, which had increased in the five preceding weeks from 3 to 23, declined again last week to 17, and were 21 below the corrected average; 5 belonged to Bethnal Green, 2 to Chelsea, 2 to Marylebone, 2 to Pancras, and 2 to Whitechapel sanitary areas. The fatal cases of *scarlet fever*, which had been 15, and 25 in the two previous weeks, further rose last week to 27, but were less than half the corrected average; 3 belonged to Fulham, 2 to Islington, 3 to Shoreditch, 4 to Mile End Old Town, 2 to Battersea, and 2 to Greenwich sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1450 scarlet fever patients on Saturday last, against numbers increasing in the seventeen preceding weeks from 559 to 1394; 182 cases were admitted to these hospitals during the week, against 177 and 188 in the two previous weeks. The deaths from *diphtheria*, which had been 45, 35, and 41 in the three preceding weeks, declined again last week to 37, but exceeded the corrected average by 16; 2 belonged to Marylebone, 2 to Pancras, 2 to Holborn, 4 to Shoreditch, 5 to Mile End Old Town, 4 to Lambeth, 2 to Camberwell, and 2 to Woolwich sanitary areas. Nineteen of the 37 deaths from diphtheria occurred in hospitals, and on Saturday last 104 cases of this disease were under treatment in the Metropolitan Asylum Hospitals, 16 having been admitted during the week. The 22 fatal cases of *whooping-cough* showed a decline of 4 from the number in the previous week, and were 5 below the corrected average; 4 belonged to Pancras, 3 to Lambeth, 3 to Battersea, and 2 to Woolwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had declined in the four preceding weeks from 80 to 22, further fell last week to 15, and were 13 below the corrected average.

The deaths from *enteric fever*, which had been 19, 16, and 11 in the three preceding weeks, rose last week to 21, but were 5 below the corrected average; 2 belonged to St. James Westminster, 2 to Pancras, 2 to Islington, 3 to Stepney, 3 to Newington, and 2 to Battersea sanitary areas. The death of a child, aged 2 years, in Ingestre Buildings, St. James Westminster, the cause of whose death was uncertified, was attributed to "fever." The death referred to *typhus* was of a child, aged 13 years, in Buckland Street, Shoreditch. The death of an infant, aged one year, was indefinitely referred to "infantile remittent fever."

The deaths referred to diseases of the respiratory organs, which had increased in the five preceding weeks from 142 to 300, declined again last week to 281, and were 125 below the corrected average.

Different forms of violence caused 49 deaths, concerning all but 3 of which inquests were held. Of these 49 deaths, 6 were cases of suicide, and 3 of murder or manslaughter, while the remaining 40 were attributed to accident or negligence. Three of these were caused by horses or vehicles in the streets, 5 by burns or scalds, 3 by drowning, and 12 (including 11 of infants under one year of age) by suffocation.

GREATER LONDON.

In Greater London 3409 births and 1671 deaths were registered, corresponding to annual rates of 31.5 and 15.5 per 1000 of the estimated population. In the Outer Ring 9 deaths from scarlet fever, 7 from diphtheria, 5 from "fever," and 5 from measles were registered. The fatal cases of scarlet fever included 3 in West Ham and 2 in Stratford sub-districts. Three deaths from "fever" were recorded in Hendon, and 3 from measles in Walthamstow sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29.55 ins.; the lowest reading was 29.04 ins. on Sunday morning, and the highest 30.04 ins. on Friday evening. The mean temperature of the *air* was 46.7, and 3.0 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the coldest day being Friday. The general direction of the *wind* was N.N.E., and the horizontal movement of the *air* averaged 7.4 miles per hour, which was 3.8 below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 1.07 inches. The duration of registered bright sunshine in the week was 8.1 hours, against 15.3 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 26th October, 1889.

CITIES AND BOROUGHES.	CITIES AND BOROUGHES.	The Deaths registered in the Week include										TEMPERATURE OF THE AIR.				RAINFALL.									
		Registered during the Week ending 26th Oct., 1889.		Deaths of Persons Aged 1 Year or over.		Deaths from								Mean.		In Inches.	In Cent.								
		BIRTHS.	DEATHS.	4.	5.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.			Unrecorded Causes of Death.	From All Causes.	From Diseases in Cols. 6-12.	Fahrenheit.				
																Highest.	Lowest.				Wahrenheit.	Centigrade.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.
28 TOWNS*	9,555,406	5801	3204	782	728	-	48	83	53	54	58	60	117	215	593	75	17.5	1.9	56.7	32.0	45.7	7.61	0.98	2.49	- 28 TOWNS.
LONDON.	4,351,738	2580	1310	276	335	-	17	27	37	22	23	15	49	101	320	12	15.7	1.7	56.7	34.9	46.7	8.17	1.07	2.72	LONDON.
BRIGHTON.	121,807	68	45	14	12	-	-	-	-	1	1	1	1	1	9	1	19.3	1.7	55.2	32.0	47.1	8.39	1.27	3.23	BRIGHTON.
PORTSMOUTH.	141,253	95	32	13	8	-	-	-	-	-	-	-	-	-	4	-	11.8	1.5	-	-	-	-	-	-	PORTSMOUTH.
NORWICH.	94,510	71	19	7	7	-	-	-	-	-	-	-	-	-	6	-	10.5	1.7	-	-	-	-	-	-	NORWICH.
PLYMOUTH.	78,225	39	42	8	17	-	-	-	-	-	-	-	-	-	8	1	14.1	0.9	54.5	37.5	46.0	7.78	0.91	2.31	PLYMOUTH.
BRISTOL.	229,361	115	62	12	17	-	-	-	-	-	-	-	-	-	7	2	22.8	0.6	51.7	36.1	44.0	6.67	0.48	1.22	BRISTOL.
WOLVERHAMPTON.	82,544	53	36	6	12	-	-	-	-	-	-	-	-	-	1	2	9.6	2.0	-	-	-	-	-	-	WOLVERHAMPTON.
BIRMINGHAM.	454,835	278	148	43	30	-	2	8	1	2	-	4	8	15	26	4	17.0	2.0	-	-	-	-	-	-	BIRMINGHAM.
LEICESTER.	150,520	89	46	18	12	-	-	-	-	-	-	-	-	-	9	5	15.9	0.3	-	-	-	-	-	-	LEICESTER.
NOTTINGHAM.	237,812	131	83	25	15	-	3	-	1	1	5	2	1	1	17	-	18.2	2.4	54.8	40.0	46.0	7.78	0.97	2.46	NOTTINGHAM.
DERBY.	98,529	62	22	7	6	-	-	-	-	-	-	-	-	-	6	1	11.7	1.6	-	-	-	-	-	-	DERBY.
BIRKENHEAD.	102,511	68	19	5	3	-	-	-	-	-	-	-	-	-	2	2	9.7	2.0	-	-	-	-	-	-	BIRKENHEAD.
LIVERPOOL.	606,562	375	239	63	43	-	2	13	1	7	4	9	15	17	42	14	20.6	3.1	52.3	39.2	45.8	7.67	0.22	0.56	LIVERPOOL.
ROLTON.	114,670	68	42	8	7	-	-	2	1	-	-	-	1	1	6	4	10.1	1.8	-	-	-	-	-	-	ROLTON.
MANCHESTER.	378,800	231	174	41	34	-	-	4	1	-	4	3	11	15	47	4	24.0	1.7	-	-	-	-	-	-	MANCHESTER.
SALFORD.	234,283	136	61	16	14	-	2	3	3	-	1	1	1	2	9	3	13.6	2.7	-	-	-	-	-	-	SALFORD.
OLDHAM.	142,405	79	59	19	12	-	-	-	-	-	-	-	1	1	2	1	21.6	1.8	-	-	-	-	-	-	OLDHAM.
BLACKBURN.	121,275	72	53	14	12	-	-	-	-	-	-	-	1	1	3	8	5	22.8	1.3	-	-	-	-	-	BLACKBURN.
PRESTON.	104,194	75	58	17	13	-	3	-	-	-	-	3	2	5	4	2	29.0	4.5	-	-	-	-	-	-	PRESTON.
HUDDERSFIELD.	92,825	50	32	7	6	-	1	1	-	-	-	-	3	3	5	2	18.0	1.1	-	-	-	-	-	-	HUDDERSFIELD.
HAULFAX.	81,080	43	36	9	3	-	-	-	1	-	-	-	-	1	1	4	23.2	2.6	-	-	-	-	-	-	HAULFAX.
BRADFORD.	235,056	116	77	19	17	-	4	1	1	2	3	-	-	-	6	1	17.1	2.4	52.6	40.0	45.2	7.33	1.26	3.20	BRADFORD.
LEEDS.	357,449	232	186	26	35	-	-	2	-	2	6	2	4	9	20	1	19.9	1.8	-	-	-	-	-	-	LEEDS.
SHEFFIELD.	327,227	181	118	29	22	-	-	1	4	1	2	1	2	3	5	7	18.8	1.8	-	-	-	-	-	-	SHEFFIELD.
HULL.	208,017	141	81	31	12	-	-	-	-	1	3	1	4	1	2	3	20.3	2.3	55.0	31.0	45.5	7.50	1.15	2.92	HULL.
SUNDERLAND.	134,163	85	59	13	11	-	7	2	-	-	-	-	-	-	4	1	22.9	3.9	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE.	160,983	114	85	32	8	-	5	2	-	-	-	-	3	10	7	2	27.6	3.2	54.0	40.0	44.3	6.83	1.49	3.78	NEWCASTLE.
CARDIFF.	112,712	104	50	9	3	-	-	2	-	-	-	-	-	4	3	-	13.9	2.3	-	-	-	-	-	-	CARDIFF.
EDINBURGH.	266,900	146	79	13	18	-	2	1	3	5	-	1	4	1	19	23	15.4	2.3	51.5	35.0	45.3	7.59	1.39	3.53	EDINBURGH.
GLASGOW.	523,144	369	236	67	35	-	1	2	6	4	4	5	9	1	29	32	23.3	2.2	54.0	33.7	45.9	7.72	0.35	0.89	GLASGOW.
DUBLIN.	353,038	202	142	30	35	-	1	-	1	1	6	9	4	5	41	16	21.0	2.7	53.3	33.7	45.6	7.56	0.49	2.51	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—*Births and Deaths* Registered in the *Forty-third Week* of each of the *Eleven Years, 1879-89.*

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879-88.*	1889
TOTAL Births	2547	2490	2753	2570	2724	2694	2581	2685	2581	2666	2866·9	2580
Males	1280	1310	1378	1336	1366	1391	1338	1370	1357	1350	1469·5	1308
Females	1267	1180	1375	1234	1358	1303	1243	1315	1224	1316	1397·4	1272
TOTAL Deaths	1561	1521	1588	1466	1450	1463	1366	1380	1738	1737	1665·1	1310
Males	831	796	822	767	753	744	696	693	907	914	863·9	686
Females	730	725	766	699	697	719	670	687	831	823	801·2	624

The numbers in this column are the average weekly numbers in the forty-third weeks of the ten years 1879-88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—*BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.*

	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.
TOTAL Births	2481	2180	2715	2358	2425	2373	2432	2344	2504	2364	2595	2518	2580
TOTAL Deaths	1532	1366	1382	1240	1263	1170	1231	1267	1361	1381	1321	1410	1310
Ages at													
{ 0-20 years	850	739	727	628	569	535	583	599	644	630	581	590	562
{ 20-40 "	161	139	160	140	172	151	164	157	186	201	187	209	163
{ 40-60 "	209	222	202	197	235	219	207	248	244	230	227	274	250
Death													
{ 60-80 "	261	216	235	223	240	216	233	216	245	261	263	272	283
{ at 80 years & upwds.	51	50	58	52	47	49	49	47	42	59	63	65	52
"													
{ Under 1 year	555	468	447	387	331	306	313	332	386	376	321	320	276
{ 1-5 "	193	195	195	163	156	141	204	182	165	172	175	187	200
{ 5-20 "	102	76	85	78	82	88	66	85	93	82	85	83	86
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Measles	23	15	18	9	12	9	10	3	7	9	13	23	17
" " Scarlet fever	11	16	13	16	17	18	17	25	22	20	15	25	27
" " Diphtheria	45	58	96	37	32	30	41	44	44	45	35	41	37
" " Whooping-cough	22	19	17	20	21	28	18	56	23	14	14	26	22
" " Typhus	-	2	-	-	-	1	-	-	2	-	1	1	1
" " Enteric fever	8	6	8	11	12	21	19	11	19	19	16	11	21
" " Simple Cont'd fever	-	1	-	-	-	1	2	1	1	2	-	2	1
" " Diarrhoea and Dysentery	199	175	153	109	78	63	63	73	80	52	28	22	15
" " Cholera	4	4	4	2	1	3	-	1	-	1	-	-	-
" " all the above-mentioned Diseases	314	266	254	204	173	179	175	184	198	162	122	151	141
" " Dis. of Respiratory System	182	149	162	115	148	142	152	143	189	225	264	300	281
" " Phthisis	126	128	135	139	149	134	137	157	146	148	129	184	141
" " Dis. of Circulatory System	110	98	111	104	93	95	102	110	112	123	127	115	115
Violent Deaths	70	65	49	56	51	47	49	54	62	62	50	57	49
Inquest Cases	115	114	108	93	93	86	101	96	119	119	99	112	101
Deaths in Public Institutions	325	320	319	279	335	327	316	324	335	335	314	332	320
TEMPERATURE OF THE AIR													
Mean	64·9	60·4	59·3	57·8	60·2	60·5	63·0	51·1	57·6	43·9	49·8	49·4	46·7
Mean of Highest readings	76·2	72·8	69·7	68·1	73·0	69·1	74·6	62·2	58·9	56·7	58·4	57·8	53·7
Mean of Lowest readings	53·3	52·0	52·5	51·1	48·5	55·2	53·8	41·6	42·9	43·8	42·6	41·6	41·5
Humidity of the Air	76	80	82	80	74	83	76	74	80	89	82	88	94
Rain-fall in inches	0·20	0·46	0·19	0·98	0·00	0·54	0·00	0·25	0·85	0·90	0·57	0·70	1·07
Registered Sunshine (in hours)	36·5	46·0	26·8	26·2	53·9	22·6	43·4	40·2	17·4	10·0	31·1	17·3	8·1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 43rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 26th October 1889.										CAUSES OF DEATH.	Corrected Averages for the 43rd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 26th October 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.					ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
			0-1.	1-5.	5-20.										0-1.	1-5.	5-20.						
ALL CAUSES - -	1665.1	1310	276	200	86	163	250	283	52		Diseases of Organs of Special Sense † - -	1.7	-	-	-	-	-	-	-	-			
Small-pox { Vaccinated; - Unvaccinated - No Statement }	6.2	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - -	114.8	115	2	2	7	11	44	46	3			
Measles - - -	38.1	17	2	11	4	-	-	-	-		Croup - - -	15.3	10	3	7	-	-	-	-	-			
Scarlet Fever - -	54.7	27	2	20	5	-	-	-	-		Bronchitis - - -	245.0	161	47	33	4	2	12	53	10			
Typhus - - -	1.2	1	-	-	1	-	-	-	-		Pneumonia - - -	104.6	81	15	23	5	9	13	9	2			
Relapsing Fever † -	0.0	-	-	-	-	-	-	-	-		Pleurisy - - -	6.1	5	-	1	-	-	2	2	-			
Influenza - - -	0.7	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - -	35.1	24	6	5	1	2	3	7	-			
Whooping-cough -	27.2	22	9	13	-	-	-	-	-		Dentition † - - -	10.5	5	3	2	-	-	-	-	-			
Diphtheria - - -	20.8	37	3	21	12	-	1	-	-		Quinsy, Sore Throat † -	3.0	4	1	2	1	-	-	-	-			
Simple Continued and Ill-defined Fever - }	1.7	1	-	1	-	-	-	-	-		Euteritis - - -	3.1	8	2	-	3	2	1	-	-			
Enteric Fever - -	25.7	21	-	1	6	13	1	-	-		Peritonitis - - -	8.5	6	-	-	2	2	1	1	-			
Cholera - - -	0.4	-	-	-	-	-	-	-	-		Diseases of Liver - -	30.6	27	1	2	-	4	9	10	1			
Diarrhoea, Dysentery	28.2	15	9	2	-	-	1	2	1		Other Diseases of Digestive System - }	29.1	22	1	2	2	4	4	8	1			
Remittent Fever † -	1.1	1	-	1	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - -	2.1	2	-	-	-	2	-	-	-			
Hydrophobia - -	0.1	-	-	-	-	-	-	-	-		Diseases of Urinary System - - -	41.2	43	-	-	2	8	14	22	3			
Glanders - - -	0.1	-	-	-	-	-	-	-	-		Diseases of Generative System - - -	6.5	-	-	-	-	-	-	-	-			
Cowpox and Effects of Vaccination † - }	0.2	-	-	-	-	-	-	-	-		Accidents of Childbirth -	4.1	2	-	-	-	2	-	-	-			
Veneral Affections	11.6	8	7	-	-	-	1	-	-		Diseases of Locomotive System † - - }	7.5	6	-	-	5	-	1	-	-			
Erysipelas - - -	9.6	6	2	-	-	1	3	-	-		Diseases of Integumen- tary System - - - }	6.7	2	1	-	-	-	1	-	-			
Pyæmia and Septicæmia †	3.0	1	-	-	-	-	-	1	-		VIOLENT DEATHS.‡												
Puerperal Fever - -	6.5	8	-	-	-	7	1	-	-		(ACCIDENT.)												
Other Zymotic Diseases †	1.2	2	-	-	1	-	1	-	-		Fracture and Contusion	22.3	18	-	2	2	2	5	4	3			
Thrush - - - - -	1.9	-	-	-	-	-	-	-	-		Gunshot Wound - - -	0.3	-	-	-	-	-	-	-	-			
Worms and other Para- sitical Diseases - }	0.7	-	-	-	-	-	-	-	-		Cut, Stab - - -	0.6	-	-	-	-	-	-	-	-			
Starvation, Want of Breast-milk † - }	1.6	-	-	-	-	-	-	-	-		Burn and Scald - - -	5.6	5	-	3	1	-	1	-	-			
Alcoholism - - -	4.3	7	-	-	-	2	3	2	-		Poison - - -	1.0	1	1	-	-	-	-	-	-			
Rheumatic Fever, Rheumatism of Heart†	10.0	10	-	1	2	1	3	3	-		Drowning - - -	4.6	3	-	-	2	1	-	-	-			
Rheumatism † - -	2.4	1	-	-	-	-	1	-	-		Suffocation - - -	11.2	12	11	-	-	1	-	-	-			
Gout - - - - -	2.8	4	-	-	-	-	2	2	-		Otherwise - - -	2.6	1	-	-	-	-	1	-	-			
Rickets † - - -	2.4	4	2	2	-	-	-	-	-		(HOMICIDE.)												
Cancer - - - - -	56.8	55	-	-	-	4	29	20	2		Murder & Manslaughter	1.4	3	3	-	-	-	-	-	-			
Tabes Mesenterica -	28.4	17	10	6	-	1	-	-	-		(SUICIDE.)												
Tubercular Meningitis	22.5	19	8	6	3	1	1	-	-		Gunshot Wound - - -	0.3	-	-	-	-	-	-	-	-			
Phthisis - - - -	177.3	141	-	2	11	63	54	11	-		Cut, Stab - - -	1.4	-	-	-	-	-	-	-	-			
Scrophula, Tuberculosis	15.6	13	3	6	1	2	1	-	-		Poison - - -	1.9	1	-	-	-	-	1	-	-			
Other Constitutional Diseases † - - }	9.9	12	1	-	-	2	3	5	1		Drowning - - -	1.2	-	-	-	-	-	-	-	-			
Premature Birth - -	34.5	43	43	-	-	-	-	-	-		Hanging - - -	1.1	3	-	-	-	-	3	-	-			
Atelectasis † - - -	3.2	4	4	-	-	-	-	-	-		Otherwise - - -	0.9	2	-	-	-	1	1	-	-			
Congenital Malforma- tions - - - - }	6.1	7	7	-	-	-	-	-	-		(EXECUTION.)												
Old Age - - - - -	50.1	34	-	-	-	-	-	17	17		Hanging - - - -	0.0	-	-	-	-	-	-	-	-			
Apoplexy - - - -	49.2	38	-	-	1	3	14	16	4		OTHER CAUSES † - -	72.4	41	35	2	-	-	3	1	-			
Epilepsy - - - - -	6.7	7	-	1	1	2	1	2	-														
Convulsions - - -	46.5	30	28	2	-	-	-	-	-														
Other Diseases of Brain and Nervous System	89.9	78	4	13	1	12	9	35	4														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																					
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of															Deaths in Public Institutions.	Uncertified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from														
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.						
LONDON		3,815,704	2580	1310	276	335	-	17	27	37	22	1	21	1	15	49	101	320	12		
WEST DISTRICTS		669,688	373	227	41	65	-	2	5	3	2	-	5	1	5	6	10	84	3		
NORTH DISTRICTS		905,947	670	295	60	76	-	4	9	14	6	-	6	-	4	7	16	65	-		
CENTRAL DISTRICTS		282,238	149	92	18	26	-	-	1	4	1	-	-	-	-	7	10	34	1		
EAST DISTRICTS		692,738	517	275	60	64	-	9	6	5	8	1	3	-	4	13	33	73	1		
SOUTH DISTRICTS		1,985,143	971	421	97	104	-	2	6	11	10	-	7	-	2	16	32	64	7		
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEST DISTRICTS.																					
St. Mary Paddington WHH G.J. & W.M.		99888	47	17	3	8	-	-	-	-	-	-	1	-	-	-	-	6	-		
St. John Paddington H - - - G.J.		37380	5	8	-	2	-	-	-	-	-	-	1	-	-	-	-	7	-		
Kensington Town Ww - - - W.M.		120141	74	43	7	11	-	-	-	-	-	-	1	-	-	-	-	4	-		
Brompton H - - - W.M. & C.		43010	16	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Peter Hammersmith - - - W.M.		7899	7	2	-	1	-	-	-	1	-	-	-	-	-	1	2	2	-		
St. Paul Hammersmith H W.M. & G.J.		64340	44	21	4	7	-	-	5	1	-	-	-	-	2	1	2	10	-		
Fulham Ww - - - W.M. & C.		42900	51	28	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-		
Chelsea South HHH - - - C.		6396	14	11	2	3	-	-	-	-	1	-	-	-	-	1	16	-	-		
Chelsea North-west WHHHHH - - - C.		24925	16	21	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chelsea North-east - - - C.		32807	22	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
May Fair WW - - - G.J.		30853	9	10	1	7	-	1	-	-	-	-	-	-	1	1	1	10	1		
Belgrave WHH - - - C.		69220	23	10	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Westminster HHH - - - C.		35496	20	6	1	2	-	-	1	-	-	-	-	-	2	1	1	10	-		
St. Margaret Westminster H - - - C.		24679	4	13	2	5	-	-	-	-	1	-	-	-	-	-	1	1	1		
St. James Westminster WHH N.R. & G.J.		29941	16	7	2	1	-	-	-	-	1	-	2	1	-	-	1	1	1		
St. Anne Soho HHHHHHH - - - N.R.		18608	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH DISTRICTS.																					
All Souls Marylebone HHHH - - - W.M.		26759	13	8	1	-	-	-	-	1	-	-	1	-	-	-	1	3	-		
Cavendish Square HHHH - - - W.M.		14891	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Regent Marylebone WH G.J. & W.M.		24809	12	7	2	2	-	2	-	-	-	-	-	-	1	-	-	1	-		
St. Mary Marylebone HHH G.J. & W.M.		21118	28	8	3	2	-	-	-	1	-	-	-	-	-	-	-	-	-		
Christchurch Marylebone HH - - - W.M.		33700	21	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. John Marylebone H - - - W.M.		33638	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hampstead Ww H N.R. & W.M.		45452	24	19	5	6	-	2	1	1	-	-	-	-	-	1	2	-	-		
Regent's Park Paneras H - - - W.M.		39115	24	9	1	2	-	2	-	1	-	-	-	-	-	-	-	7	-		
Tottenham-court WHHHH N.R. & W.M.		27729	19	14	3	2	-	-	-	1	-	-	1	-	-	-	1	1	-		
Gray's Inn Lane HHH - - - N.R.		30247	18	6	-	2	-	-	-	1	-	-	-	-	-	-	1	1	-		
Somers Town H - - - N.R.		84369	18	5	1	4	-	-	-	-	-	-	-	-	-	-	-	5	-		
Camden Town WH - - - N.R.		17811	17	10	3	4	-	-	1	1	-	-	-	-	1	-	-	5	-		
Kentish Town W - - - N.R.		67487	66	36	5	13	-	-	-	-	-	-	-	-	-	-	-	-	-		
Upper Holloway WWwH - - - N.R.		67946	47	33	6	8	-	-	-	-	-	1	-	-	-	3	5	16	-		
Islington South-west HH - - - N.R.		100976	63	24	8	6	-	-	-	-	-	-	-	-	-	1	1	-	-		
Islington South-east - - - N.R.		61825	33	21	5	5	-	-	1	1	-	-	-	-	-	1	2	-	-		
Highbury H - - - N.R.		52048	32	12	2	4	-	-	1	-	-	-	1	-	-	-	1	1	-		
Stoke Newington H - - - N.R.		22781	15	5	1	3	-	-	-	-	-	-	-	-	-	1	1	-	-		
Stamford Hill - - - E.L.		9277	13	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
West Hackney H - - - N.R.		87610	20	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hackney WwvH - - - E.L. & N.R.		76911	60	45	10	11	-	6	8	-	-	1	-	-	1	-	1	21	-		
South Hackney - - - E.L.		39883	18	15	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
CENTRAL DISTRICTS.																					
St. George Bloombury - - - N.R.		16681	8	4	-	2	-	-	-	-	-	-	-	-	-	-	1	2	4		
St. Giles South WH - - - N.R.		14864	17	7	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Giles North - - - N.R.		13837	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Martin-in-the-Fields HH N.R. & C.		17508	8	5	1	2	-	-	-	-	-	-	-	-	-	-	-	1	1		
St. Mary-le-Strand H - - - N.R.		7515	4	4	2	1	-	-	-	-	-	-	-	-	-	-	-	3	-		
St. Clement Danes H - - - N.R.		8559	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-		
Strand Union Workhouse, Edmonton w.		-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Geo.-the-Martyr HHHHHHH N.R.		18671	5	7	1	1	-	-	1	-	-	-	-	-	-	-	-	5	-		
St. Andrew Eastern W - - - N.R.		10706	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Saffron Hill H - - - N.R.		6533	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. James Clerkenwell - - - N.R.		17516	16	6	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
Amwell Clerkenwell - - - N.R.		19281	14	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pentonville - - - N.R.		14773	13	4	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
Jewell-street - - - N.R.		17506	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Old-street H - - - N.R.		11541	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
City-road HHL - - - N.R.		18623	21	5	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
Whitecross-street - - - N.R.		9217	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finchbury - - - N.R.		7463	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-		
Holborn Union Workhouse, Mitcham, w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Botolph H - - - N.R. & E.L.		11174	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cripplegate - - - N.R.		7193	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
St. Sepulchre H - - - N.R.		5353	2	20	3	2	-	-	-	3	-	-	-	-	-	4	4	16	-		
St. Bride W - - - N.R.		8396	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Allhallows Barking - - - N.R.		13666	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Broad Street H - - - N.R.		5652	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signified Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L., East London and K., the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 26th October, 1889.

The DEATHS registered in the Week include																			
REGISTRATION		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from										Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 6 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euterie (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.			
EAST DISTRICTS.																			
St. Leonard Shoreditch		N.R. & E.L.	7376	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch		N.R.	14967	18	7	8	2	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard New Town		N.R.	29937	22	14	6	2	2	-	-	-	-	-	-	-	-	-	-	
St. Leonard Old Town		N.R.	28036	32	10	2	3	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard East		N.R. & E.L.	46275	32	10	2	3	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green North		W.H.	51157	34	19	3	6	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green South		E.L.	34389	26	13	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green East		E.L.	41405	26	26	4	4	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green North		E.L. & N.R.	32685	18	8	3	3	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green South		E.L.	16473	26	13	3	5	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Green East		E.L. & N.R.	17490	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Church		E.L.	9713	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Fields		E.L.	6102	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard		N.R. & E.L.	88747	23	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's North		E.L.	8410	3	6	-	8	-	-	-	-	-	-	-	-	-	-	-	
St. George's East		E.L.	10395	9	10	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L. & N.R.	16107	7	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	82041	28	7	1	2	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	87980	25	10	3	2	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	67653	52	33	6	10	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	37074	17	7	2	2	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	64359	50	36	9	13	-	-	-	-	-	-	-	-	-	-	-	
St. George's		E.L.	55077	59	15	4	6	-	-	-	-	-	-	-	-	-	-	-	
SOUTH DISTRICTS.																			
St. Saviour Southwark		L. & S.	18663	9	4	-	4	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark		S.	14999	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark		S. & L.	21881	22	8	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark		S. & L.	15953	18	7	3	1	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark		S. & L.	21818	8	4														

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:—

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Pontar & Stepney St. Saviour's " "
Barnard's Inn " in Upper Holloway sub-district.	St. Catherine's Union Industrial School in West Battersea sub-district.
Holloway " in Holloway sub-district.	Stand and Holborn Workhouses outside Registration London.
London City Workhouse " in Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Holborn " in Hoxton New Town sub-district.	Metropolitan Asiatic District Hospitals in Finsbury, Hampstead, Hack-
Whitechapel " " Mile End Old Town Eastern sub-dist.	ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
" " " Mile End Old Town Eastern sub-dist.	Edmonton, and West Ham sub-districts outside Registration London.
London City " " " and Bromley sub-district.	

* Private Lunatic Asylums in which paupers are received.

¹ On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

On the 1st of October the Registration District of Bethnal Green was

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 26th October, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	820	361	91	103	-	5	9	7	4	5	7	6	17	41	
30: 1	Carehalton <i>wL</i> -	12228	21118	7	12	1	5	-	-	-	-	2	-	-	-	-	5	
2	Epsom (part of)* <i>WwH</i>	9971	10710	5	3	1	-	-	-	-	-	-	-	-	-	-	1	
37: 1	Godstone (part of)* -	2754	1235	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwFHI</i> -	20351	101241	62	34	6	9	-	-	1	-	1	-	1	1	1	5	
2	Mitcham <i>w†</i> -	11697	17934	17	4	2	1	-	-	-	-	-	-	1	-	-	-	
39: 1	Wimbledon <i>HHH</i> -	3220	15950	12	3	1	1	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	23	14	-	5	-	-	-	-	1	-	-	-	-	5	
3	Esher (part of)* -	6601	9221	3	4	-	1	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	5	5	1	1	-	-	-	1	-	-	-	-	-	-	
40: 1	Richmond <i>WH</i> -	2272	21302	16	8	2	3	-	-	-	-	-	-	-	1	1	1	
2	Mortlake -	2941	12331	11	4	1	1	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (pt. of)* <i>HH</i>	15849	31142	30	6	2	2	-	-	-	-	-	-	1	-	-	-	
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	6	6	-	4	-	-	-	-	-	-	1	-	-	1	
42: 1	Bexley <i>H</i> -	12437	24134	22	6	2	3	-	-	-	-	-	-	-	-	1	-	
2	Dartford (<i>Ww</i> , pts. of)*	-	-	1	2	-	2	-	-	-	-	-	-	-	-	-	2	
124: 1	Sunbury <i>w</i> -	11055	11635	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12039	10	1	-	-	-	-	-	-	-	-	-	-	-	-	
125: 1	Hillingdon <i>WHH</i> -	6029	10302	13	2	-	-	-	-	-	1	-	-	-	-	-	1	
2	Uxbridge -	6173	5225	2	1	-	1	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11523	5	3	1	1	-	-	-	-	-	-	-	-	-	1	
126: 1	Isleworth <i>WHH</i> -	7008	22727	22	7	-	5	-	-	-	1	-	-	-	-	2	1	
2	Twickenham <i>H</i> -	2477	12479	3	4	-	3	-	-	-	-	-	-	-	-	-	1	
3	Brentford <i>HL</i> -	4345	27649	26	13	3	2	-	-	-	-	-	-	-	1	3	1	
4	Chiswick -	1840	15975	18	3	2	-	-	-	-	-	-	-	-	-	1	-	
5	Acton <i>wH</i> -	8083	22376	25	8	1	3	-	-	-	-	-	-	-	-	-	-	
127: 1	Harrow <i>H</i> -	13809	12796	5	5	1	3	-	1	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4333	27463	40	15	8	2	-	-	-	-	-	-	-	-	2	-	
4	Hendon <i>W</i> -	8332	10434	12	14	1	3	-	1	1	-	-	3	-	-	-	5	
137: 1	Bushey -	9331	6621	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of)* -	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
128: 1	South Mimms -	15599	8391	4	1	-	1	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5433	10092	5	6	2	1	-	-	-	-	-	-	-	-	1	1	
3	Finchley <i>HL</i> -	4688	17615	14	15	5	7	-	-	-	-	-	-	1	-	-	7	
135: 1	Hatfield (part of)* -	3206	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i> -	3039	37078	29	12	1	4	-	-	1	-	-	-	-	-	1	-	
2	Tottenham <i>H</i> -	4642	46456	64	14	7	2	-	-	-	1	-	-	-	-	-	-	
3	Edmonton <i>Ww†</i> -	7483	23463	13	9	1	2	-	-	-	1	-	-	-	-	1	-	
4	Enfield <i>WH</i> -	12633	19104	28	9	4	1	-	-	-	-	-	-	1	1	1	-	
5	Waltham Abbey -	11017	3333	3	1	-	1	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8430	7735	4	4	2	1	-	-	-	-	-	-	-	-	-	-	
136: 1	Stratford -	832	38605	31	14	2	2	-	-	2	-	-	-	1	-	-	-	
2	West Ham <i>wowwHJ</i> -	7351	101063	116	51	16	8	-	-	3	1	1	-	-	2	2	-	
3	Leyton <i>WwL</i> -	4372	32430	43	14	8	5	-	-	-	-	-	1	-	-	-	1	
4	Walthamstow <i>H</i> -	6520	28859	32	14	5	3	-	3	1	1	-	-	-	-	-	-	
137: 1	Chigwell (part of)* <i>H</i>	11761	9633	8	2	-	1	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford (part of)* <i>W</i>	6730	3411	2	2	-	1	-	-	-	-	-	-	-	-	-	1	
2	Ilford -	8493	7643	10	1	1	-	-	-	-	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	8	2	1	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 12355); 37: 1, the parishes of Warlingham and Farley in Godstone district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Ha sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 2751); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchester Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th October, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
ATER LONDON	448,334	5,642,015	15.5	1.6	1671	367	433	-	22	36	44	26	28	22	55	361	
INNER LONDON -	77,410	4,351,738	15.7	1.7	1310	276	335	-	17	27	37	22	23	15	40	320	
UTER RING -	370,924	1,290,277	14.6	1.5	361	91	103	-	5	9	7	4	5	7	6	41	

RE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 6.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
BOULOGNE - -	433,219	September 7	-	-	-	-	-	-	-	-	-	-	-
BOMBAY - - -	773,196	" 17	321	511	29.2	-	3	-	-	-	145	50†	52†
BOMBAY - - -	773,196	" 24	334	483	27.9	1	2	-	-	-	151	52†	52†
BOMBAY - - -	398,777	" 6	326	321	41.8	-	11	-	-	-	84	71†	71†
BOMBAY - - -	2,260,945	October 19	1125	867	19.9	-	9	2	25*	8	13	57	57
BOULOGNE (8 Faubourgs.)	471,606	" 19	212	146	16.1	-	1	-	-	1	3	14	14
BRISTOL - - -	403,083	" 19	240	157	20.4	-	-	-	6	-	1	-	-
BRISTOL - - -	197,723	" 19	144	62	16.2	-	-	-	-	-	-	1	1
BRISTOL - - -	153,440	" 19	104	47	15.9	-	-	-	-	1	2	-	-
COPENHAGEN - -	307,000	" 19	203	98	16.7	-	-	1	3	2	-	3	3
STOCKHOLM - -	228,218	" 12	143	77	17.6	-	-	3	2*	-	-	17	17
CHRISTIANIA - -	138,301	" 19	67	50	13.9	-	-	-	3	2	-	2	2
PETERSBURG - -	842,883	" 5	-	404	25.0	-	16	10	2	4	11	43	43
BERLIN - - -	1,489,672	" 5	889	492	17.1	-	-	7	26	7	7	52	52
AMSTERDAM (State)	675,276	" 12	430	259	23.5	-	-	1	9*	4	11	36	36
AMSTERDAM - -	264,196	" 12	154	109	21.5	?	-	2	5*	?	1	11	11
AMSTERDAM - -	315,000	" 19	193	123	21.2	-	-	3	5*	1	-	5	5
AMSTERDAM - -	281,000	" 12	190	131	24.2	-	-	2	7*	-	1	23	23
AMSTERDAM - -	811,434	" 12	500	300	19.2	1	1	1	8	2	2	21	21
AMSTERDAM - -	304,356	" 12	-	126	21.6	2	-	2	6	-	1	2	2
AMSTERDAM - -	452,907	" 12	336	193	22.7	-	-	2	10	1	7	23	23
AMSTERDAM - -	153,084	" 12	-	77	25.3	1	-	-	1	-	-	4	4
AMSTERDAM - -	407,936	August 31	229	163	21.1	2	-	-	-	-	19†	26	26
AMSTERDAM (10 days)	306,398	September 20	234	157	18.7	-	-	-	1	2	2	35	35
AMSTERDAM - -	154,369	October 5	74	65	22.0	12	-	-	-	-	2	11	11
AMSTERDAM - -	154,369	October 12	100	88	29.7	30	-	-	1	-	-	9	9
AMSTERDAM - -	374,338	" 3	443	339	47.2	-	-	-	4*	-	18	118	118
AMSTERDAM - -	231,396	" 3	173	166	37.4	-	-	-	5*	1	7	52	52
NEW YORK - - -	1,571,300	" 5	-	605	20.1	-	2	5	13	6	14	52	52
BROOKLYN - - -	834,607	" 5	-	296	18.3	-	-	-	20	4	4	10	10
PHILADELPHIA -	1,040,245	" 5	-	330	16.6	-	1	1	2	2	14	8	8
BALTIMORE - - -	500,343	" 5	-	131	13.7	-	-	1	2	-	4	11	11

* Including deaths from croup.

† Including 5 and 9 deaths respectively from cholera in Bombay, and 4 in Madras.

‡ Including 15 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, OCTOBER 26TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.										TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected in a glass whose surface is inclined at the angle of the ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Phase of the Moon.	MOON AND DAY.	TEMPERATURE.					Difference between the Air Temperature and Dew Point.					Of Radiation.					Of the Water at Deptford.					General Direction.					Pressure on the Square Foot.							Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Of the Air.		Of the Dew Point.			Mean Range.					Mean Range.					Mean Range.					Mean Range.					Mean Range.							Mean Range.					Mean Range.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from average value.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.			Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	Mean Range.	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DATE.		ELECTRICITY.		REGISTERED SUN ABOVE		GENERAL REMARKS.	
OCTOBER.		(For examination of symbols, see Note.)		Sunshine, Horizon, in hours.		Sun above Horizon, in hours.	
SUNDAY	20	No record; insu- lation defective.		1.9	10.3	Overcast with heavy rain in morning; partially cloudy and fine in afternoon; variable with frequent rain afterwards. Lightning in evening.	
MONDAY	21	Insulation defect till 4h. P.M.; s. P. afterwards.		0.0	10.3	Fine in early morning; generally cloudy after- wards, with frequent rain till afternoon. Slight fog at night.	
TUESDAY	22	v. P. generally.		0.2	10.2	Variable in early morning; generally overcast afterwards; gloom in afternoon; foggy at night. Lightning about 8h. P.M.	
WEDNESDAY	23	m. P. throughout.		0.0	10.2	Overcast throughout. Gloomy with frequent rain in afternoon.	
THURSDAY	24	w P. in morning; s. P. afterwards.		0.1	10.1	Slight rain in early morning; overcast till after- noon; fine afterwards with variable amounts of cloud.	
FRIDAY	25	s. P. in morning; v. P. afterwards.		5.4	10.0	Fine in early morning; dense fog between 4h. A.M. and 7h. A.M.; generally fine afterwards, with variable amounts of cloud.	
SATURDAY	26	m. P. generally.		0.5	10.0	Overcast generally. Bleak wind from afternoon.	
MEANS				Sum 8.1	Sum 71.1		
No. of Col.				29	30		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to sea level.

Observations are usually taken at 9h. A.M.; 10h. A.M.; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.14 in. at the beginning of the week to 29.04 in. by 10h. A.M. on the 26th; increased to 29.04 in. by 9h. P.M. on the 26th; and decreased to 29.07 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS;

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General Register Office, Somerset House,
4th November, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.		Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
Birkenhead	17·8	15·8	9·7	15·3	Liverpool -	19·3	21·5	20·6	20·8
Birmingham	16·2	17·1	17·0	15·8	London -	15·8	16·9	15·7	15·8
Blackburn -	20·7	22·4	22·8	25·0	Manchester -	24·2	22·0	24·0	22·3
Bolton -	17·3	19·1	19·1	18·7	Newcastle-on-Tyne*	25·6	26·3	27·6	28·2
Bradford*	16·4	20·6	17·1	18·0	Norwich -	16·0	18·2	10·5	17·1
Brighton -	16·3	14·6	19·3	11·6	Nottingham -	14·3	14·5	18·2	14·7
Bristol -	12·3	20·7	14·1	15·5	Oldham -	16·5	17·6	21·6	14·3
Cardiff*	9·3	14·8	13·9	13·9	Plymouth -	32·7	31·4	28·0	22·0
Derby -	13·8	13·2	11·7	16·4	Portsmouth -	15·5	15·9	11·8	15·1
Halifax -	21·9	22·5	23·2	22·5	Preston -	28·0	34·1	29·0	32·0
Huddersfield	16·9	22·5	18·0	15·7	Salford* -	16·0	16·3	13·6	16·9
Hull -	20·6	25·1	20·3	22·3	Sheffield -	18·3	21·4	18·8	19·9
Leeds -	24·8	24·2	19·9	18·8	Sunderland -	27·6	23·7	22·9	22·2
Leicester* -	14·9	13·5	15·9	14·6	Wolverhampton -	15·2	19·0	22·8	21·5

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Norwich, 1·9 in Newcastle-upon-Tyne, and 3·1 in Sunderland; from *scarlet fever*, 1·4 in Liverpool, 1·7 in Blackburn, 1·8 in Salford, and 5·3 in Plymouth; from *whooping-cough*, 1·1 in Portsmouth; from "*fever*," 2·0 in Preston; and from *diarrhæa*, 1·1 in Derby, 1·4 in Bolton, and 1·5 in Preston. The 51 deaths from *diphtheria* in the twenty-eight towns included 31 in London, 6 in Manchester, and 2 in Portsmouth and in Liverpool. No death from *small-pox* was registered in any of the twenty-eight towns.

LONDON.

In LONDON 2623 BIRTHS and 1317 DEATHS were registered. Allowing for increase of population, the births were 267, and the deaths 348, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·8, 16·9, and 15·7 in the three preceding weeks, was last week 15·8. During the first five weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 2·9 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1317 deaths included 22 from measles, 20 from scarlet fever, 31 from diphtheria, 21 from whooping-cough, 19 from enteric fever, 17 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever or cholera; thus, 130 deaths were referred to these diseases, being 78 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5. The fatal cases of *measles*, which had been 23 and 17 in the two preceding weeks, rose again last week to 22, but were 20 below the corrected average; 3 belonged to Fulham, 2 to Marylebone, 2 to Pancras, 2 to Islington, 2 to Clerkenwell, 2 to St. Luke, and 2 to St. George-in-the-East sanitary areas. The fatal cases of *scarlet fever*, which had been 15, 25, and 27 in the three previous weeks, declined again last week to 20, and were 37 below the corrected average; 2 belonged to Westminster, 2 to Islington, 2 to Hackney, 2 to Mile End Old Town, and 2 to Greenwich sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1500 scarlet fever patients on Saturday last, against numbers increasing in the eighteen preceding weeks from 559 to 1450; 135 cases were admitted to these hospitals during the week, against 188 and 182 in the two previous weeks. The deaths from *diphtheria*, which had been 41 and 37 in the two preceding weeks, further declined last week to 31, but exceeded the corrected average by 12; 2 belonged to Kensington, 2 to Pancras, 3 to Islington, 3 to Shoreditch, 2 to Bethnal Green, 2 to Stepney, 2 to Mile End Old Town, 2 to Poplar, 2 to Newington, and 2 to Lambeth sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had declined in the five preceding weeks from 80 to 15, rose again last week to 17, but were 10 below the corrected average.

The deaths referred to *enteric fever*, which had been 11 and 21 in the two preceding weeks, declined again last week to 19 (including 2 hospital cases admitted from Hendon and 1 from South Acton, both in the Outer Ring), and were 9 below the corrected average; 2 belonged to Hammersmith, 3 to Islington, and 3 to Poplar sanitary areas. The Metropolitan Asylum Hospitals contained 103 cases of enteric fever and 6 of typhus on Saturday last; 15 cases of enteric fever were admitted during the week, against 11 and 17 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 300 and 281 in the two preceding weeks, rose again last week to 300, but were 117 below the corrected average.

Different forms of violence caused 59 deaths, concerning all but 3 of which inquests were held. Of these 59 deaths, 7 were cases of suicide, and 2 of murder or manslaughter, while the remaining 50 were attributed to accident or negligence. One of these was caused by an omnibus in the street, 5 by burns or scalds, 4 by drowning, 2 by poison, and 15 (including 14 of infants under one year of age) by suffocation.

GREATER LONDON.

In Greater London 3503 births and 1647 deaths were registered, corresponding to annual rates of 32·4 and 15·2 per 1000 of the estimated population. In the Outer Ring 10 deaths from diphtheria, 8 from scarlet fever, 7 from measles, 7 from whooping-cough, and 5 from "fever," were registered. The fatal cases of diphtheria included 2 in Hillingdon and 2 in Tottenham sub-districts; and 2 deaths from scarlet fever occurred in Bexley sub-district. Of the 7 deaths from measles 3 occurred in Walthamstow and 2 in West Ham sub-districts. Whooping-cough caused 3 deaths in Mitcham and 2 in Croydon sub-districts; and two deaths were referred to "fever" in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·66 ins.; the highest reading was 29·84 ins. on Thursday afternoon, and the lowest 29·44 ins. on Friday morning. The mean temperature of the *air* was 47·3, and 0·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Tuesday, Wednesday, and Friday, but was below the average on each of the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 12·3 miles per hour, which was 0·8 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·78 of an inch. The duration of registered bright sunshine in the week was 23·1 hours, against 21·2 hours at Glynede Place, Lewes.

Barometer Readings and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 2nd November, 1889.

CITIES AND BOROUGH.	CITIES AND BOROUGH.	The Deaths registered in the Week include												TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.					
		Registered during the Week ending 2nd Nov., 1889.		Deaths of				Deaths from				Annual Rate per 1000, compared with the Week's Deaths				Mean.		In Inches.	In Cent.						
		BIRTHS.	DEATHS.	1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	From All Causes.				From 12 to 18.	Highest.		Lowest.	
																						Fahrenheit.	Fahrenheit.	Fahrenheit.	Fahrenheit.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
28 TOWNS* - 																									

• See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FOURTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2698	2706	2618	2896	2623	2745	2695	2556	2593	2373	2890.1	2623
Males . .	1370	1338	1347	1441	1310	1383	1410	1322	1301	1204	1464.1	1316
Females .	1328	1368	1271	1455	1313	1362	1285	1234	1292	1169	1426.0	1307
TOTAL Deaths	1501	1513	1645	1502	1440	1503	1483	1332	1735	1613	1664.8	1317
Males . .	768	768	849	762	720	789	743	686	896	820	850.7	673
Females .	733	745	796	740	720	714	740	646	839	793	814.1	644

The numbers in this column are the average weekly numbers in the forty-fourth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

		Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	
TOTAL Births	- -	2180	2715	2358	2425	2373	2432	2344	2504	2364	2595	2518	2580	2623	
TOTAL Deaths	- -	1366	1382	1240	1263	1170	1236	1267	1361	1381	1321	1410	1310	1317	
Ages at Death	{ 0—20 years	-	739	727	628	569	535	583	599	644	630	581	590	562	599
	{ 20—40 "	-	139	160	140	172	151	164	157	186	201	187	209	163	200
	{ 40—60 "	-	222	202	197	235	219	207	248	244	230	227	274	250	209
	{ 60—80 "	-	216	235	223	240	216	233	216	245	261	263	272	283	253
	{ at 80 years & upwds.	-	50	58	52	47	49	49	47	42	59	63	65	52	56
"	{ Under 1 year	-	468	447	387	331	306	313	332	386	376	321	320	276	323
	{ 1—5	-	195	195	163	156	141	204	182	165	172	175	187	200	212
	{ 5—20	-	76	85	78	82	88	66	85	93	82	85	83	86	64
Deaths from Small-pox		-	-	-	-	-	-	-	-	-	-	-	-	-	
"	" Measles	-	15	18	9	12	9	10	3	7	9	13	23	17	22
"	" Scarlet fever	-	16	13	16	17	18	17	25	22	20	15	25	27	10
"	" Diphtheria	-	28	36	37	32	30	41	44	44	45	35	41	37	31
"	" Whooping-cough	-	19	17	20	21	28	18	26	23	14	14	26	22	21
"	" Typhus	-	2	-	-	1	-	-	2	-	1	1	1	1	-
"	" Enteric fever	-	6	8	11	12	21	19	11	19	19	16	11	21	19
"	" SimpleCont'd fever	-	1	-	-	1	2	1	1	1	2	-	2	1	-
"	" Diarrhoea and Dysentery	-	175	153	109	78	63	63	73	80	52	28	22	15	17
"	" Cholera	-	4	4	2	1	3	-	1	-	1	-	-	-	-
"	" all the above- mentioned Diseases	-	266	254	204	173	179	175	184	198	162	122	151	141	130
"	" Dis. of Respira- tory System	-	149	162	115	148	142	152	142	189	225	264	300	281	300
"	" Phthisis	-	128	135	139	149	134	137	157	146	148	129	184	141	125
"	" Dis. of Circula- tory System	-	93	111	104	93	95	102	110	112	123	127	115	115	104
Violent Deaths		-	65	49	56	51	47	49	54	62	62	50	57	49	59
Inquest Cases		-	114	108	93	93	86	101	96	119	119	99	112	101	123
Deaths in Public Institutions		-	350	319	279	335	327	316	324	335	335	314	332	319	309
TEMPERATURE OF THE AIR															
Mean		-	60.4	59.3	57.8	60.2	60.5	63.0	51.1	50.6	48.9	49.8	49.4	46.7	47.3
Mean of Highest readings		-	72.8	69.7	68.1	73.0	69.1	74.6	62.2	58.9	56.7	58.4	57.8	53.7	54.0
Mean of Lowest readings		-	52.0	52.5	51.1	48.5	55.2	53.8	41.6	42.9	43.8	42.6	41.6	41.5	41.4
Humidity of the Air		-	80	82	80	74	88	76	74	80	89	82	88	94	88
Rain-fall in inches		-	0.46	0.19	0.98	0.00	0.54	0.00	0.25	0.85	0.90	0.57	0.70	1.07	0.78
Registered Sunshine (in hours)		-	46.0	26.8	26.2	53.9	22.6	43.4	40.2	17.4	10.0	31.1	17.3	8.1	23.1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 44th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 2nd November 1889.								CAUSES OF DEATH.		Corrected Averages for the 44th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 2nd November 1889.												
			Deaths of Persons of the Ages											Deaths of Persons of the Ages												
			ALL AGES.	Under 20.			20 and under 40.		40 and under 60.					60 and under 80.		80 Years and upwards.		ALL AGES.	Under 20.			20 and under 40.		40 and under 60.		60 and under 80.		80 Years and upwards.
			0-1.	1-5.	5-20.									0-1.	1-5.	5-20.										
ALL CAUSES - -		1661.8	1317	323	212	64	200	209	253	56																
Small-pox	Vaccinated† Unvaccinated No Statement	5.0	-	-	-	-	-	-	-	-																
Measles -		41.8	22	2	13	2	-	-	-	-																
Scarlet Fever -		56.8	20	1	14	5	-	-	-	-																
Typhus -		1.5	-	-	-	-	-	-	-	-																
Relapsing Fever† -		0.0	-	-	-	-	-	-	-	-																
Influenza -		0.2	-	-	-	-	-	-	-	-																
Whooping-cough -		27.3	21	7	13	1	-	-	-	-																
Diphtheria -		19.2	81	3	19	5	3	-	1	-																
Simple Continued and Ill-defined Fever -		2.3	-	-	-	-	-	-	-	-																
Enteric Fever -		27.5	19	-	2	3	13	1	-	-																
Cholera -		0.4	-	-	-	-	-	-	-	-																
Diarrhoea, Dysentery -		26.5	17	10	4	-	1	-	1	1																
Remittent Fever† -		0.3	-	-	-	-	-	-	-	-																
Hydrophobia -		0.3	-	-	-	-	-	-	-	-																
Glanders -		0.0	-	-	-	-	-	-	-	-																
Cowpox and Effects of Vaccination† -		0.5	1	1	-	-	-	-	-	-																
Venerical Affections -		10.0	13	11	1	-	1	-	-	-																
Erysipelas -		7.9	7	1	-	1	2	1	1	1																
Pyæmia and Septicæmia†		3.3	4	-	-	1	2	1	-	-																
Puerperal Fever -		8.1	5	-	-	-	5	-	-	-																
Other Zymotic Diseases†		1.5	-	-	-	-	-	-	-	-																
Thrush -		2.2	1	1	-	-	-	-	-	-																
Worms and other Parasitical Diseases -		0.4	-	-	-	-	-	-	-	-																
Starvation, Want of Breast-milk† -		1.4	1	-	-	-	-	-	1	-																
Alcoholism -		5.7	3	-	-	-	3	-	-	-																
Rheumatic Fever, Rheumatism of Heart†		11.6	7	-	-	2	3	2	-	-																
Rheumatism† -		1.2	-	-	-	-	-	-	-	-																
Gout -		3.2	5	-	-	-	-	3	2	-																
Rickets† -		2.3	1	-	1	-	-	-	-	-																
Cancer -		51.1	62	-	1	-	6	29	23	3																
Tabes Mesenterica -		28.1	21	14	5	1	1	-	-	-																
Tubercular Meningitis -		21.9	16	2	10	3	1	-	-	-																
Phthisis -		180.0	125	1	-	8	65	45	6	-																
Scrophula, Tuberculosis -		14.7	12	3	5	-	4	-	-	-																
Other Constitutional Diseases†		11.4	12	-	-	2	2	3	4	1																
Premature Birth -		34.7	34	34	-	-	-	-	-	-																
Atelectasis† -		1.8	2	2	-	-	-	-	-	-																
Congenital Malformations -		6.0	3	7	1	-	-	-	-	-																
Old Age -		52.4	41	-	-	-	-	-	23	13																
Apoplexy -		44.8	39	-	-	-	5	8	23	4																
Epilepsy -		6.3	6	2	-	-	2	1	1	-																
Convulsions -		43.4	38	34	4	-	-	-	-	-																
Other Diseases of Brain and Nervous System†		81.5	64	8	11	3	5	15	21	1																
Diseases of Organs of Special Sense† -		3.3	3	-	2	1	-	-	-	-																
Diseases of Circulatory System -		118.9	104	1	1	4	15	30	42	11																
Croup -		15.5	8	-	6	2	-	-	-	-																
Bronchitis -		253.0	177	62	35	3	2	14	53	8																
Pneumonia -		108.2	89	18	37	4	9	8	9	4																
Pleurisy -		5.9	5	-	-	-	3	-	2	-																
Other Diseases of Respiratory System -		34.7	21	9	6	1	-	4	1	-																
Dentition† -		11.1	3	2	1	-	-	-	-	-																
Quinsy, Sore Throat† -		2.4	2	-	2	-	-	-	-	-																
Enteritis -		8.4	9	4	-	-	-	-	2	1																
Peritonitis -		5.3	4	-	-	1	3	-	7	1																
Diseases of Liver -		81.6	23	-	-	-	7	8	7	1																
Other Diseases of Digestive System -		26.9	24	8	1	1	2	5	6	1																
Diseases of Lymphatic System & of Ductless Glands† -		2.6	2	-	1	-	1	-	-	-																
Diseases of Urinary System -		40.6	30	-	-	3	12	14	10	-																
Diseases of Generative System -		5.5	9	-	-	-	3	1	5	-																
Accidents of Childbirth -		4.1	4	-	-	-	3	1	-	-																
Diseases of Locomotive System† -		9.3	7	-	1	3	1	1	1	-																
Diseases of Integumentary System -		5.3	4	2	-	-	-	-	1	1																
VIOLENT DEATHS.†																										
(ACCIDENT.)																										
Fracture and Contusion		18.7	21	-	3	2	2	7	7	-																
Gunshot Wound -		0.1	-	-	-	-	-	-	-	-																
Cut, Stab -		0.2	-	-	-	-	-	-	-	-																
Burn and Scald -		4.4	5	-	3	2	-	-	-	-																
Poison -		1.5	2	-	-	-	1	1	-	-																
Drowning -		3.2	4	-	-	-	3	1	-	-																
Suffocation -		12.2	15	14	-	-	-	1	-	-																
Otherwise -		2.8	3	2	-	-	1	-	-	-																
(HOMICIDE.)																										
Murder & Manslaughter		2.3	2	1	-	-	-	1	-	-																
(SUICIDE.)																										
Gunshot Wound -		1.9	-	-	-	-	-	-	-	-																
Cut, Stab -		2.3	3	-	-	-	3	-	-	-																
Poison -		0.5	-	-	-	-	-	-	-	-																
Drowning -		0.8	4	-	-	-	2	1	1	-																
Hanging -		1.6	-	-	-	-	-	-	-	-																
Otherwise -		1.2	-	-	-	-	-	-	-	-																
(EXECUTION.)																										
Hanging -		0.0	-	-	-	-	-	-	-	-																
OTHER CAUSES† -		68.9	63	56	4	-	1	2	-	-																

* The numbers in this column are the average weekly deaths for the ten years 1879-88, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION UB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from												Deaths in Public Institutions.	Uncertified Causes of Death.
							Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON		3,815,704	2623	1317	323	309	-	22	20	31	21	-	19	-	17	59	123	309	1	
West Districts		669,638	409	212	48	55	-	4	5	4	3	-	4	-	2	12	17	64	1	
North Districts		905,947	585	293	60	77	-	6	8	7	9	-	7	-	4	16	31	65	-	
Central Districts		282,238	167	97	26	15	-	5	-	3	-	-	-	-	1	7	9	30	-	
East Districts		692,738	513	274	83	51	-	3	2	10	1	-	3	-	5	14	43	67	-	
South Districts		1,365,148	944	440	106	111	-	4	4	7	8	-	5	-	5	10	24	81	10	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69888	45	21	8	6	-	-	-	-	-	-	-	-	-	1	2	3	-	
St. John Paddington H - - - G.J.		37380	13	11	-	5	-	-	-	-	-	-	1	-	-	1	2	6	-	
Kensington Town W - - - W.M.		120141	64	36	6	17	-	1	-	-	-	-	-	-	-	4	10	-	-	
Brompton H - - - W.M. & C.		43010	13	4	-	2	-	-	-	-	-	-	-	-	1	1	1	-	-	
St. Peter Hammersmith - - - W.M.		7599	6	5	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	52	16	6	4	-	1	-	-	1	-	1	-	-	1	1	-	-	
Fulham W - - - W.M. & C.		42900	79	36	10	2	-	3	4	2	1	-	-	-	3	2	12	1	-	
Chelsea South HHH - - - C.		0398	17	8	2	1	-	-	-	-	-	-	-	-	-	-	1	3	-	
Chelsea North-west WHHHHH C.		24225	19	15	4	3	-	-	-	-	1	-	-	-	-	1	10	-	-	
Chelsea North-east - - - C.		32807	25	6	2	-	-	-	-	1	-	-	-	-	-	1	1	-	-	
May Fair WW - - - G.J.		80353	7	9	2	5	-	-	-	-	-	-	-	-	-	2	2	2	-	
Belgrave WHHH - - - C.		59220	25	13	2	2	-	-	-	-	-	2	-	-	-	-	-	8	-	
St. John Westminster HHH - C.		35496	20	9	2	3	-	-	-	-	-	-	-	1	1	1	-	-	-	
St. Margaret Westminster H - C.		24679	6	7	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	
St. James Westminster WHH N.R. & G.J.		29941	12	7	2	2	-	-	-	-	-	-	-	-	1	1	1	2	-	
St. Anne Soho HHHHHHH - N.R.		16608	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHH - W.M.		26759	15	16	4	1	-	-	-	-	1	-	-	-	-	2	3	4	-	
Cavendish Square HHHH - W.M.		14391	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rectory Marylebone WH G.J. & W.M.		24809	15	10	-	4	-	1	-	-	1	-	-	-	-	-	1	2	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	18	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.		33700	13	8	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	
St. John Marylebone H - - - W.M.		33633	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead W - - - N.R. & W.M.		45452	23	17	3	7	-	-	-	2	1	-	-	-	-	2	8	2	-	
Regent's Park Pancras H - - W.M.		39115	23	14	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	20	14	3	5	-	-	-	-	-	-	-	-	-	3	5	-	-	
Gray's Inn Lane HHH - - - N.R.		30247	13	9	1	3	-	-	-	-	-	-	1	-	-	2	3	4	-	
Somers Town H - - - N.R.		34339	18	12	4	2	-	-	-	-	-	-	-	-	1	2	2	1	-	
Camden Town WH - - - N.R.		17811	8	8	2	3	-	-	-	-	-	-	-	-	2	2	7	-	-	
Kentish Town W - - - N.R.		87437	65	19	2	-	-	-	-	-	2	-	1	-	-	-	-	3	-	
Upper Holloway WWWH - - - N.R.		67946	62	43	10	11	-	2	-	-	-	-	1	-	2	2	2	16	-	
Islington South-west HH - - N.R.		100976	81	24	7	5	-	1	-	1	-	-	1	-	1	2	2	-	-	
Islington South-east - - - N.R.		61825	43	11	3	3	-	1	-	-	-	-	-	-	-	-	1	-	-	
Highbury H - - - N.R.		52048	38	11	2	4	-	-	-	-	1	-	-	-	-	-	1	2	-	
Stoke Newington H - - - N.R.		22781	17	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stamford Hill - - - E.L.		9277	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - - N.R.		37610	30	14	5	3	-	-	1	-	-	-	-	-	-	-	2	2	-	
Hackney W - - - E.L. & N.R.		76911	55	40	5	14	-	4	3	1	-	3	-	-	-	1	2	19	-	
South Hackney - - - E.L.		39983	17	11	1	3	-	-	4	1	-	-	-	-	1	3	-	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - - N.R.		16631	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - - N.R.		14864	22	7	2	-	-	1	-	-	-	-	-	-	-	1	-	-	-	
St. Giles North - - - N.R.		13837	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17509	3	8	2	2	-	-	-	1	-	-	-	-	-	-	6	-	-	
St. Mary-le-Strand H - - - N.R.		7515	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Clement Dances H - - - N.R.		8559	4	5	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
Strand Union Workhouse, Edmonton w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Geo.-the-Martyr HHHHHH N.R.		18671	13	9	3	-	-	-	-	-	2	-	-	-	-	-	-	7	-	
St. Andrew Eastern W - - - N.R.		10706	6	5	1	1	-	-	-	-	-	-	-	-	-	-	2	1	-	
Saffron Hill H - - - N.R.		6533	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - - N.R.		17516	15	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - - N.R.		19281	13	7	3	2	-	1	-	-	-	-	-	-	-	1	1	-	-	
Pentonville - - - N.R.		14773	16	4	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
Goswell-street - - - N.R.		17506	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - - - N.R.		11541	4	7	1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - - N.R.		18623	24	4	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Whitecross-street - - - N.R.		9217	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Finsbury - - - N.R.		7463	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - - N.R. & E.L.		11174	4	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
Cripplegate - - - N.R.		7193	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - - N.R.		5353	1	11	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - - - N.R.		8396	1	3	-	3	-	-	-	-	-	-	-	-	-	-	-	11	-	
Albhallows Barking - - - N.R.		13666	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Broad Street H - - - N.R.		5682	2	1	-	1	-	-	-	-	-	-	-	-	-	2	1	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, name. v. W Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifi-Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L., East London, and K., the Kent Company.

		The DEATHS registered in the Week include																
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births.	Deaths of				Deaths from							Inquest Cases. Deaths in Public institutions.	Uncertified Causes of Death.		
				Total Deaths.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Fever (or Typhoid) Fever.	Simple con- tinued Fever.			Diarrhoea.	Violence.
EAST DISTRICTS.																		
Aldwell Shoreditch	N.R. & E.L.	7376	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leonard Shoreditch HL*	N.R.	14987	8	4	-	1	-	-	-	-	-	-	-	-	-	-	3	
Ston New Town W	N.R.	23937	21	16	6	7	3	-	-	-	-	-	-	-	-	-	2	
Ston Old Town N.E.	N.R.	23086	27	12	6	7	3	-	-	-	-	-	-	-	-	-	2	
Ston WH	N.R. & E.L.	46276	45	23	4	7	-	-	-	-	-	-	-	-	-	-	6	
Thal Green North H	E.L.	51137	38	11	5	-	-	-	1	-	-	-	1	2	3	1	-	
Thal Green South	E.L.	34399	24	6	1	-	-	-	-	-	-	-	-	2	2	-	-	
Thal Green East WHL*	E.L.	41405	28	9	-	2	-	-	-	-	-	-	1	2	5	-	-	
Halsfelds	E.L. & N.R.	22585	10	6	4	-	-	-	-	-	-	-	-	-	1	-	-	
End New Town W	E.L.	15473	22	9	1	2	-	-	-	-	-	-	-	-	-	3	-	
Hitchapel Church H	E.L. & N.R.	17490	12	27	6	2	-	-	-	-	1	-	-	3	7	21	-	
odman's Fields	E.L.	9713	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
dgate	N.R. & E.L.	6102	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
George's North	E.L.	38747	29	15	6	3	-	2	-	-	-	-	1	-	1	-	-	
John, St. George East W	E.L.	8410	7	3	1	2	-	-	-	-	-	-	1	-	2	-	-	
adwell HH	E.L. & N.R.	10895	10	6	2	-	-	-	1	-	-	-	-	1	1	1	-	
stelf	E.L.	16107	13	4	1	-	-	-	1	-	-	-	-	1	3	-	-	
mehouse	E.L.	32041	28	16	3	2	-	-	-	-	-	-	-	1	5	-	-	
End Old Town West	E.L.	37960	27	17	7	1	-	1	1	-	-	-	-	-	1	-	-	
End Old Town East WHH-E.L.	E.L.	67653	45	24	7	7	-	1	1	-	-	-	-	1	3	7	-	
w L-	E.L.	37074	22	12	4	-	-	-	1	-	1	-	-	-	-	-	-	
unley wuwH-	E.L.	64359	49	31	8	9	-	-	-	-	1	-	-	-	3	10	-	
plar. WHH	E.L.	65077	39	16	8	3	-	-	1	-	-	-	1	2	3	1	-	
SOUTH DISTRICTS.																		
aristchurch Southwark WH	L. & S.	13663	6	6	2	1	-	-	-	-	-	-	-	-	-	-	-	
Saviour Southwark	S.	14999	5	6	1	-	-	-	-	-	-	-	-	-	-	-	-	
oad-road	S. & L.	21381	14	4	1	-	-	-	-	-	-	-	-	-	-	-	1	
orough-road WH	S. & L.	15955	15	4	1	-	-	1	-	-	-	-	-	-	-	-	-	
unity-road HL	L. & S.	21313	10	1	3	-	-	-	1	-	-	-	-	-	1	2	-	
Unity Newton	S. & L.	26672	21	8	3	2	-	-	-	-	-	-	-	-	-	-	1	
Peter Walworth W	S. & L.	59555	51	18	2	7	-	2	-	-	-	-	-	-	-	4	-	
Mary Newington	L. & S.	21623	16	11	5	2	-	-	-	-	1	-	1	-	-	-	-	
Olive WH	S.	11956	9	21	1	4	-	-	-	-	-	-	-	-	3	5	13	
Rather Market	S. & L.	15800	8	4	1	-	-	-	-									

Marybone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " " " "	Strand and Holborn Workhouses outside Registration London.
Holborn " " " "	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " " "	Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-
London City " " " "	north, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
" " " "	Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 2nd November, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Ename- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													Deaths in Public Institutions.	Uncertified Causes
						Deaths of		Deaths from								In- quest Cases.	Deaths in Public Institutions.	Uncertified Causes		
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.					
LONDON—OUTER RING		370,924	950,957	880	330	72	98	-	-	8	10	7	5	-	7	22	38			
30: 1	Carshalton <i>wL</i> -	12228	21118	15	8	3	1	-	-	-	-	-	-	-	-	-	-			
2	Epsom (part of)* <i>WwH</i>	9971	10710	6	4	-	3	-	-	-	-	-	-	-	-	-	4			
37: 1	Godstone (part of)* -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
38: 1	Croydon <i>WwEHI</i> -	20851	101241	63	39	9	8	-	-	-	1	2	1	-	1	4	12			
2	Mitcham <i>w†</i> -	11697	17932	12	5	1	1	-	-	-	-	3	-	-	-	-	-			
38: 1	Wimbledon <i>HHH</i> -	3220	15950	9	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Kingston <i>WHH</i> -	8549	36354	22	11	2	4	-	-	-	1	-	-	-	-	1	1			
3	Esher (part of)* -	6601	9221	4	5	1	2	-	-	-	-	-	-	-	-	-	-			
4	Hampton <i>H</i> -	4573	13339	12	4	1	1	-	-	-	-	-	-	-	-	-	-			
40: 1	Richmond <i>WH</i> -	2272	21302	12	1	-	1	-	-	-	-	-	-	-	-	-	-			
2	Mortlake -	2941	12331	13	2	1	-	-	-	-	-	1	-	-	-	-	-			
41: 1	Bromley (pt. of)* <i>HH</i>	15689	31142	19	5	-	2	-	-	-	-	-	-	-	-	-	-			
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	10	1	-	-	-	-	-	1	-	-	-	-	-	-			
42: 1	Bexley <i>H</i> -	18437	24134	17	16	1	4	-	-	2	-	-	-	-	-	-	-			
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1			
124: 1	Sunbury <i>w</i> -	11055	11685	5	3	-	-	-	-	1	-	-	-	-	-	-	-			
2	Staines <i>W</i> -	13277	12089	8	4	1	1	-	-	-	-	1	-	-	-	-	-			
125: 1	Hillingdon <i>WHH</i> -	6029	10802	7	5	-	3	-	-	-	-	-	-	-	-	-	2			
2	Uxbridge -	6178	5225	2	3	-	1	-	-	-	-	-	-	-	-	2	-			
3	Hayes <i>wHL</i> -	14587	11523	7	3	-	1	-	-	-	-	-	-	-	-	-	3			
126: 1	Isleworth <i>WHH</i> -	7008	22727	12	6	1	3	-	-	-	-	-	-	-	-	1	2			
2	Twickenham <i>H</i> -	2477	12479	4	3	1	2	-	-	-	-	-	-	-	-	-	-			
3	Brentford <i>HL</i> -	4345	27649	29	8	1	3	-	-	-	-	1	-	-	-	1	-			
4	Chiswick -	1340	15975	12	8	1	2	-	-	-	-	-	-	-	1	1	-			
5	Acton <i>wH</i> -	6955	22876	17	10	2	2	-	-	1	-	-	-	-	-	1	-			
127: 1	Harrow <i>H</i> -	13809	12796	8	4	2	1	-	1	-	-	-	-	-	-	-	-			
2	Edgware <i>H</i> -	6994	3749	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden -	4383	27453	34	17	3	5	-	-	-	-	-	-	-	-	3	-			
4	Hendon <i>W</i> -	8382	10484	11	3	1	-	-	-	-	-	-	-	-	-	-	-			
137: 1	Bushey -	9331	6621	6	3	1	-	-	-	-	-	-	-	-	-	-	-			
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
128: 1	South Mimms -	15599	6391	8	2	-	2	-	-	-	-	-	-	-	-	-	-			
2	Barnet -	5433	10092	2	6	1	2	-	-	-	-	-	-	-	-	-	2			
3	Finchley <i>HL</i> -	4638	17615	14	7	1	2	-	-	1	-	-	-	-	-	1	4			
135: 1	Hatfield (part of)* -	3806	533	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
129: 1	Hornsey <i>H</i> -	3039	37078	27	8	2	2	-	-	-	-	-	-	-	-	-	-			
2	Tottenham <i>H</i> -	4642	46486	90	16	4	5	-	-	-	2	-	-	-	1	1	1			
3	Edmonton <i>Ww†</i> -	7483	23463	23	13	2	6	-	-	-	-	-	-	-	-	-	2			
4	Enfield <i>WH</i> -	12653	19104	31	13	1	4	-	1	1	-	-	-	-	1	2	1			
5	Waltham Abb* -	11017	5733	4	2	-	-	-	-	1	-	-	-	-	-	-	-			
6	Chesham -	8490	7735	6	1	-	-	-	-	-	-	-	-	-	-	-	-			
136: 1	Stratford -	832	38605	25	5	-	1	-	-	-	1	-	-	-	-	1	-			
2	West Ham <i>wowwH3</i> -	7351	101053	142	33	13	13	-	2	1	-	-	2	-	1	1	-			
3	Leyton <i>WwL</i> -	4372	32439	43	17	7	3	-	-	-	-	-	-	-	-	-	3			
4	Walthamstow <i>H</i> -	6520	23865	45	19	5	4	-	3	-	1	-	-	-	2	2	-			
137: 1	Chigwell (part of)* <i>H</i>	11761	9639	4	4	-	1	-	-	-	-	-	1	-	-	-	-			
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
138: 1	Romford (part of)* <i>W</i>	6730	3411	2	2	1	1	-	-	-	-	-	-	-	-	-	-			
2	Ilford -	8493	7645	8	2	-	1	-	-	-	-	-	-	-	-	-	-			
3	Barking Town -	4127	9203	16	2	2	-	-	-	-	-	-	-	-	-	-	-			

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham & Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Daguenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse, and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd November, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
EATER LONDON	448,334	5,642,015	15·2	1·5	1647	395	407	-	29	23	41	23	24	17	66	347		
INNER LONDON -	77,410	4,351,738	15·8	1·6	1317	323	300	-	22	20	31	21	19	17	59	309		
OUTER RING -	370,924	1,290,277	13·3	1·5	330	72	98	-	7	8	10	7	5	-	7	38		

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
LCUTTA -	433,219	September 7	-	219	26·3	1	1	-	1	-	58	30†	
MBAY -	773,196	" 14	-	230	27·7	1	-	-	-	-	64	40†	
MDRAS -	398,777	October 1	321	447	25·6	-	-	?	?	?	114	47†	
MDRAS -	398,777	September 13	297	319	41·5	-	10	?	?	?	74	83†	
RIS -	2,260,945	October 26	1130	922	21·2	1	6	2	21*	6	16	66	
USSRLS -	471,606	" 26	236	145	16·0	-	1	-	2	1	3	14	
18 Faubourgs.)													
STERDAM -	403,083	" 26	274	140	18·2	-	-	1	2	1	1	-	
STERDAM -	197,723	" 26	123	69	18·0	-	3	-	-	-	1	1	
E HAGUE -	153,440	" 26	82	44	14·9	-	-	-	-	-	-	-	
ENHAGEN -	307,000	" 26	194	93	15·6	-	-	1	8	-	2	3	
OCKHOLM -	228,218	" 19	140	62	14·1	-	-	-	1	1	1	8	
RISTANIA -	133,300	" 26	66	40	18·4	-	2	1	7	3	-	2	
PETERSBURG	842,883	" 12	-	342	21·2	-	9	12	3	2	5	34	
RLIN -	1,489,672	" 12	906	479	16·6	-	2	6	20	6	5	42	
AMBURG(State)	675,276	" 19	380	229	20·8	-	-	2	4*	6	7	21	
ESDEN -	264,196	" 19	162	105	20·7	?	-	1	5*	?	1	10	
ESLAV -	315,000	" 26	222	117	19·4	-	1	-	8*	-	-	7	
ENICH -	281,000	" 19	205	132	24·1	-	-	-	11*	-	2	25	
ENNA -	811,434	" 19	499	317	20·3	-	11	1	9	2	2	35	
AGUE -	304,356	" 19	-	116	19·9	-	-	3	5	1	1	2	
DA-PRESTH -	452,907	" 19	306	191	21·9	-	-	1	9	-	4	22	
IBSTE -	158,084	" 19	-	65	21·1	-	-	-	1	-	3	7	
ME -	407,936	September 7	230	192	24·6	2	2	-	10	1	16	23†	
TRIN (10 days)-	306,398	" 30	265	174	20·7	1	2	-	3	1	4	25	
TRICH -	154,369	October 19	83	67	22·6	13	1	-	2*	-	-	10	
IRO -	374,338	" 10	471	353	49·1	-	-	-	4*	-	24	135	
EXANDRIA -	231,396	" 10	227	170	38·3	1	-	-	-	-	5	50	
EW YORK -	1,571,300	" 12	-	573	19·0	-	1	4	19	7	8	43	
OOKLYN -	834,607	" 12	-	294	18·2	-	-	1	20	2	7	10	
ILADELPHIA -	1,040,245	" 12	-	331	16·6	-	-	12	4	3	-	9	
LTIMORE -	500,343	" 12	-	141	14·7	-	-	2	3	-	2	5	

* Including deaths from croup.

† Including 6 and 11 deaths from cholera in Calcutta, 6 in Bombay, and 9 in Mysdras.

‡ Including 12 deaths from malarial fever.

TABLE 9.-METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, NOVEMBER 2ND, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		MOON AND DAY.	TEMPERATURE.				TEMPERATURE.				TEMPERATURE.				Wind as deduced from Anemometers.				Rain collected in a Gauge receiving surfaces above the level of Ground.	Ozone.									
BARO-METER.	Phases of the Moon.		Mean daily reading.	High- and rec- eded to 32° Faren- heit.	Low- est.	High- est.	Of the Air.	Low- est.	High- est.	Mean daily range.	Mean daily value.	De- parture from average value.	Of the Dew Point.	Mean daily value.	Great- est.	Least.	Difference between the Air temperature and Dew Point.	Degree of Hu- midity (Sat- uration equals 100°).			Of Radiation.	High- est.	Low- est.	General Direction.	Great- est.	Least.	Mean hourly on the Square Foot.	Horizontal movement of the air on each Day.	Robinson's.	Miles, in.
OCTOBER.																													
SUN.	27	Twice.	29.489	55.1	43.1	12.0	47.5	- 1.0	47.3	0.2	4.3	0.0	99	60.0	40.0	48.9	48.4	NE. & ENE.	SE. & SSE.	lbs. 5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79	7.2
MON.	28	..	29.629	51.4	42.8	8.6	47.5	- 0.7	47.5	0.0	2.0	0.0	100	64.9	53.5	49.6	48.9	NE. & N.	N. & Calm.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-104	0.0
TUES.	29	Greatest Dec. S.	29.738	54.8	40.1	14.7	48.1	+ 0.2	47.9	0.2	4.2	0.0	99	67.1	51.3	49.2	48.4	SE. & S.	SSW.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-127	0.0
WED.	30	..	29.694	57.9	44.5	13.4	50.9	+ 3.3	45.3	5.1	10.3	0.0	83	105.5	84.3	49.9	48.9	SSW.	SSW.	3.7	0.0	0.4	325	+ 50	0.00	3.0	0.0	3.0	0.0
THURS.	31	First Qr.	29.808	51.3	40.5	11.0	45.3	- 2.0	39.5	5.8	12.2	1.4	80	83.4	53.0	49.9	49.0	WSW.	W. & SSW.	2.4	0.0	0.3	329	+ 53	0.13	1.8	0.0	1.8	0.0
NOVEMBER.																													
FEL.	1	..	29.514	55.1	40.1	15.0	47.7	+ 0.7	41.2	6.5	13.6	1.0	78	96.6	82.5	49.8	49.0	S. & WSW.	WSW.	5.6	0.0	1.2	465	+ 188	0.07	5.2	0.0	5.2	0.0
SAT.	2	..	29.757	52.1	38.4	13.7	44.2	- 2.5	38.1	6.1	12.4	2.1	79	84.4	29.5	49.2	48.4	WSW.	W. & WSW.	1.7	0.0	0.3	337	+ 60	0.00	0.2	0.0	0.2	0.0
MEANS	..		29.663	54.0	41.4	12.6	47.3	- 0.3	43.9	3.4	8.5	0.6	88	80.3	53.4	49.5	48.7	SW.		..	..	..	Sum 2063	Sum + 139	Sum 0.78	Sum 2.5	Sum 0.78	Sum 2.5	Sum 0.78
No. of Col.	3			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
DATE.			ELECTRICITY.		Registered Sunshine, in hours.		Sun above horizon, in hours.		GENERAL REMARKS.																				
OCTOBER.			(F.P. and M. of symbols, see Note.)																										
SUNDAY	27	m. P. generally; s. N. and s. P. between 40. 11 A.M. and 2. P.M.	0.0		0.0		9.9		Heavy rain between 3h. A.M. and 2h. P.M.; over- east till evening; cloudless at night.																				
MONDAY	28	m. P. generally.	0.0		0.0		9.8		Overcast and foggy throughout; slight rain in afternoon.																				
TUESDAY	29	s. P. in morning; m. P. afterwards.	0.0		0.0		9.8		Overcast generally; fog in morning. A little rain in afternoon.																				
WEDNESDAY	30	m. P. generally	6.4		6.4		9.7		Cloudless and very fine in morning; partially cloudy and fine till evening; overcast at night.																				
THURSDAY	31	s. N. in morning; s. P. afterwards.	6.8		6.8		9.7		Overcast with rain in early morning; very fine afterwards, with few light clouds occasionally.																				
FRIDAY	1	s. P. in morning; s. P. afterwards.	4.1		4.1		9.6		Fine till 6h.; overcast with frequent amounts till 10h. A.M.; fine afterwards, with variable amounts of cloud.																				
SATURDAY	2	m. P. in morning; s. P. afterwards.	5.8		5.8		9.5		Cloudless and very fine in morning; partially cloudy and fine till evening; generally cloudless at night.																				
			Sum 23.1	Sum 68.0		Sum 68.0																							

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 45. 1889. VOL. L.] WEEK ENDING SATURDAY, NOVEMBER 9. [Price 1½d.

General Register Office, Somerset House,
11th November, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·1 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

Towns.	Weeks ending				Towns.	Weeks ending			
	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.		Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.
Birkenhead	15·8	9·7	15·3	12·2	Liverpool -	21·5	20·6	20·8	21·1
Birmingham	17·1	17·0	15·8	18·2	London -	16·9	15·7	15·8	16·2
Blackburn -	22·4	22·8	25·0	23·2	Manchester -	22·0	24·0	22·3	23·3
Bolton -	19·1	19·1	18·7	22·3	Newcastle-on-Tyne*	26·3	27·6	28·2	25·0
Bradford*	20·6	17·1	18·0	24·6	Norwich -	18·2	10·5	17·1	15·5
Brighton -	14·6	19·3	11·6	15·0	Nottingham -	14·5	17·6	14·7	15·4
Bristol -	20·7	14·1	15·5	16·6	Oldham -	17·6	21·6	14·3	21·3
Cardiff*	14·8	13·9	13·9	17·6	Plymouth -	31·4	28·0	22·0	26·0
Derby -	13·2	11·7	16·4	16·4	Portsmouth -	15·9	11·8	15·1	19·2
Halifax -	22·5	23·2	22·5	22·5	Preston -	34·1	29·0	32·0	24·5
Huddersfield	22·5	18·0	15·7	19·7	Salford*	16·3	13·6	16·9	13·6
Hull -	25·1	20·3	22·3	19·1	Sheffield -	21·4	18·8	19·9	21·0
Leeds -	24·2	19·9	18·8	18·1	Sunderland -	23·7	22·9	22·2	24·9
Leicester*	13·5	15·9	14·6	18·4	Wolverhampton -	19·0	22·8	21·5	19·0

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton, 2·0 in Nottingham, 2·0 in Preston, and 3·9 in Sunderland; from *scarlet fever*, 1·0 in Birmingham, 1·3 in Blackburn and in Wolverhampton, 1·8 in Bolton, and 5·3 in Plymouth; from *whooping-cough*, 1·1 Oldham, 1·3 in Wolverhampton, and 2·6 in Portsmouth; and from "*fever*," 1·1 in Derby and 1·4 in Cardiff. The 36 deaths from *diphtheria* in the twenty-eight towns included 23 in London, and 2 in Plymouth. *Small-pox* caused one death in London and one in Bolton, but not one in any of the twenty-six other great towns.

LONDON.

In LONDON 2659 BIRTHS and 1350 DEATHS were registered. Allowing for increase of population, the births were 199, and the deaths 329, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7 and 15·8 in the two

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

preceding weeks, further rose last week 16·2. During the first six weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 3·1 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1350 deaths included 1 from small-pox, 20 from measles, 23 from scarlet fever, 23 from diphtheria, 24 from whooping-cough, 11 from enteric fever, 17 from diarrhoea and dysentery, 1 from cholera, and not one either from typhus or an ill-defined form of continued fever; thus, 120 deaths were referred to these diseases, being 100 below the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 8; this death, the cause of which was certified as "acute septicæmia, variola (doubtful)," occurred in Lambeth. The death of an infant in Hammersmith was attributed to chicken-pox. The fatal cases of *measles*, which had been 17 and 22 in the two preceding weeks, declined again last week to 20, and were 34 below the corrected average; 2 belonged to Pancras, 3 to Clerkenwell, 3 to Bethnal Green, 2 to Bermondsey, and 4 to Greenwich sanitary areas. The fatal cases of *scarlet fever*, which had been 27 and 20 in the two previous weeks, rose again last week to 23, but were 34 below the corrected average; 2 belonged to Islington, 2 to Hackney, 2 to St. George-in-the-East, 2 to Stepney, 2 to Mile End Old Town, 2 to Newington, and 3 to Lambeth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1557 scarlet fever patients on Saturday last, against numbers increasing in the nineteen preceding weeks from 559 to 1500; 204 cases were admitted to these hospitals during the week, against 188, 182, and 135 in the three previous weeks. The deaths from *diphtheria*, which had been 41, 37, and 31 in the three preceding weeks, further declined last week to 23, and were one below the corrected average; 3 belonged to Hackney, 3 to Shoreditch, 3 to Bethnal Green, and 3 to Lambeth sanitary areas. The 24 fatal cases of whooping-cough showed an increase of 3 upon the number in the previous week, but were 2 below the corrected average. The deaths attributed to *diarrhoea* and *dysentery*, which had been 15 and 17 in the two previous weeks, were again 17 last week, and were 5 below the corrected average.

The deaths referred to *enteric fever*, which had been 21 and 19 in the previous two weeks, further declined last week to 11 (including a hospital case admitted from Stratford in the Outer Ring), and were 15 below the corrected average; 2 belonged to Lewisham sanitary area. The Metropolitan Asylum Hospitals contained 121 cases of enteric fever and 7 of typhus on Saturday last; 26 cases of enteric fever were admitted during the week, against 17 and 15 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 281 and 300 in the two preceding weeks, further rose last week to 318, but were 107 below the corrected average.

Different forms of violence caused 51 deaths, concerning all but 2 of which inquests were held. Of these 51 deaths, 5 were cases of suicide, and 1 of murder or manslaughter, while the remaining 45 were attributed to accident or negligence. Five of these were caused by vehicles in the streets, 5 by burns or scalds, 4 by drowning, and 18 (including 14 of infants aged under one year) by suffocation.

GREATER LONDON.

In Greater London 3497 births and 1694 deaths were registered, corresponding to annual rates of 32·3 and 15·7 per 1000 of the estimated population. In the Outer Ring 10 deaths from diphtheria, 6 from "fever," 6 from measles, and 5 from scarlet fever, were registered. The fatal cases of diphtheria included 4 in Hillingdon, 2 in Isleworth, and 2 in Tottenham sub-districts; and 4 deaths from measles occurred in Walthamstow sub-district. Scarlet fever caused 2 deaths in West Ham, and "fever" 2 in Croydon sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various Companies to the Metropolitan area during October will be found on pages 463-64.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·00 ins.; the lowest reading was 29·45 ins. on Sunday evening, and the highest 30·32 ins. on Friday at noon. The mean temperature of the *air* was 47°·3, and 2°·2 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on Tuesday, but showed an excess on each of the other days of the week. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 9·0 miles per hour, which was 2·6 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Sunday to the amount of 0·26 of an inch. The duration of registered bright sunshine in the week was 3·9 hours, against 5·1 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of OCTOBER 1889; according to their returns 170,403,008 gallons or 774,219 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 225 gallons (102·2 decalitres), being rather more than a *ton* by weight, to each house, and, assuming 7·8 persons to each house, 28·9 gallons (13·1 decalitres) to each person, against 27·9 gallons in October 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	OCTOBER. 1888.	OCTOBER. 1889.	OCTOBER. 1888.	OCTOBER. 1889.
TOTAL SUPPLY	744,592	756,938	161,994,888	170,403,008
From Thames	358,784	364,870	80,499,057	85,267,475
From Lea and from other Sources	385,808	392,068	81,504,831	85,135,533
THAMES.				
Chelsea	34,717	35,129	8,940,631	9,518,069
West Middlesex	70,876	72,430	15,112,887	15,512,287
Southwark and Vauxhall	110,213	111,596	22,925,966	23,863,965
Grand Junction	54,881	55,748	16,388,373	17,501,890
Lambeth	83,997	89,987	17,122,200	18,871,264
LEA AND OTHER SOURCES.				
New River	151,433	153,081	30,043,000	31,324,000
East London	103,145	106,295	39,749,360	42,040,766
Kent	71,230	72,742	11,712,471	11,770,767

Note.—The Return for October 1889, as compared with that for the corresponding month of 1888, shows an increase of 12,346 houses, and of 8,408,120 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING OCTOBER.

*Water-analysis Laboratory, The Yews, Reigate,
8th November, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of October.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 1·1, Colne Valley 1·6, Tottenham 1·7, East London 1·9, New River 2·1, Chelsea 2·8, West Middlesex 3·0, Lambeth 3·1, Grand Junction 3·2, and Southwark 3·7.

The water drawn from the Thames by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was considerably inferior in quality to that delivered in September, owing, doubtless, to the access of decaying vegetation to the river. All the water was efficiently filtered.

The water abstracted chiefly from the River Lea by the New River and East London Companies was also efficiently filtered. That delivered by the East London Company was equal in quality to the September supply, but the New River Company's water was much inferior.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity, the Kent supply being especially distinguished in this respect. All these waters were clear and bright, that of the Colne Valley Company was softened before delivery, and was thus rendered suitable for washing.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; Chelsea, West Middlesex, Lambeth, New River, and East London, clear and very pale yellow; the remaining waters clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "very slightly turbid and yellowish green in the two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.										
	Chelsea . . .	October 28th. Cab Rank, Horse Guards, Whitehall.	10·8	27·00	·146	·019	0	·204	·223	1·8	18·9
	West Middlesex . .	October 28th. Cab Rank, Portland-road.	11·1	27·38	·153	·023	0	·211	·234	1·8	19·1
	Southwark . . .	October 28th. Cab Rank, Bricklayers Arms, Old Kent-road.	10·1	27·62	·198	·020	0	·205	·225	1·8	19·4
	Grand Junction . .	October 28th. Cab Rank, Uxbridge-road, near Marble Arch.	9·8	28·06	·162	·025	0	·213	·238	1·8	19·7
	Lambeth . . .	October 28th. Cab Rank, St. George's- road, Southwark.	11·0	27·66	·157	·025	0	·224	·249	1·8	19·4
	LEA.										
Outer Circle.	New River . . .	October 28th. Cab Rank, Tottenham Court-road.	10·2	31·06	·106	·020	0	·318	·338	1·7	22·7
	East London . . .	October 28th. Fire Brigade Station, Commercial-road, E.	11·0	31·26	·095	·015	0	·293	·308	2·0	22·1
	DEEP WELLS.										
	Kent	October 28th. Mill Lane, Deptford.	12·2	43·04	·054	·011	0	·514	·525	2·6	30·9
	Colne Valley . . .	October 22nd. Bushey.	—	16·70	·082	·011	0	·397	·408	2·2	6·0
	Tottenham . . .	October 22nd. Tottenham.	—	51·00	·085	·015	·012	·691	·716	3·4	20·7
	Corporation of Birming- ham*	October 1st. Victoria-buildings, 34, Bedford-road.	12·8	26·78	·157	·023	·001	·198	·222	1·8	18·3
	Corporation of Glasgow†.	October 15th. Loch Katrine Water.	9·8	2·60	·122	·026	0	·003	·029	0·75	1·11
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 28th October at the Horse Guards cab-rank, had a temperature of 10°·8 C.; 100,000 lbs. of it contained 27·00 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·146 lb. of carbon and ·019 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·204 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·223 lb. The above weight of water also contained 1·8 lbs. of chlorine; and 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 9th November, 1889.

See note on first page of this Return.

Births, Deaths, Meteorology.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-FIFTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2721	2538	2738	2709	2497	2502	2534	2565	2634	2770	2857.9	2659
Males . .	1395	1299	1404	1319	1269	1317	1295	1277	1350	1401	1453.2	1339
Females .	1326	1239	1334	1390	1228	1185	1239	1288	1284	1369	1404.7	1320
TOTAL Deaths	1524	1636	1636	1493	1556	1516	1531	1420	1564	1520	1678.9	1350
Males . .	785	802	860	784	805	826	807	746	787	781	870.5	676
Females .	739	834	776	709	751	690	724	674	777	739	808.4	674

The numbers in this column are the average weekly numbers in the forty-fifth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.
TOTAL Births	2715	2358	2425	2373	2432	2344	2504	2364	2595	2518	2580	2623	2659
TOTAL Deaths	1382	1240	1263	1170	1236	1267	1361	1381	1321	1410	1310	1317	1350
Ages at Death													
{ 0–20 years	727	628	569	535	533	599	644	630	581	590	562	599	606
{ 20–40 "	160	140	172	151	164	157	186	201	187	209	163	200	181
{ 40–60 "	202	197	235	219	207	248	244	230	227	274	250	209	245
{ 60–80 "	235	223	240	216	233	216	245	261	263	272	233	253	265
{ at 80 years & upwds.	58	52	47	49	49	47	42	59	63	65	52	56	53
"													
{ Under 1 year	447	387	331	306	313	332	386	376	321	320	276	323	310
{ 1–5 "	195	163	156	141	204	182	165	172	175	187	200	212	209
{ 5–20 "	85	78	82	88	66	85	93	82	85	83	86	64	87
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	1
" Measles	18	9	12	9	10	3	7	9	13	23	17	22	20
" Scarlet fever	13	16	17	18	17	25	22	20	15	25	27	20	23
" Diphtheria	36	37	32	30	41	44	44	45	35	41	37	31	23
" Whooping-cough	17	20	21	28	18	26	23	14	14	26	22	21	24
" Typhus	-	-	-	1	-	-	2	-	1	1	1	-	-
" Enteric fever	8	11	12	21	19	11	19	19	16	11	21	19	11
" Simple Cont ^d fever	-	-	-	1	2	1	1	2	-	2	1	-	-
" Diarrhoea and Dysentery	158	109	78	68	68	73	80	52	28	22	15	17	17
" Cholera	4	2	1	3	-	1	-	1	-	-	-	-	1
" all the above- mentioned Diseases	254	204	173	179	175	184	198	162	122	151	141	130	120
" Dis. of Respira- tory System	162	115	148	142	152	142	189	225	264	300	281	300	318
" Phthisis	135	139	149	134	137	157	146	148	129	184	141	125	141
" Dis. of Circula- tory System	111	104	93	95	102	110	112	123	127	115	115	104	122
Violent Deaths	49	56	51	47	49	54	62	62	50	57	49	59	51
Inquest Cases	108	93	93	86	101	96	119	119	99	112	101	123	97
Deaths in Public Institutions	319	279	335	327	316	324	336	335	314	332	319	309	313
TEMPERATURE OF THE AIR													
Mean	59.3	57.8	60.2	60.5	63.0	51.1	50.6	48.9	49.8	49.4	46.7	47.3	47.3
Mean of Highest readings	69.7	68.1	73.0	69.1	74.6	62.2	58.9	56.7	58.4	57.8	53.7	54.0	53.3
Mean of Lowest readings	52.5	51.1	48.5	55.2	53.8	41.6	42.9	43.8	42.6	41.6	41.5	41.4	40.8
Humidity of the Air	82	80	74	88	76	74	80	89	82	88	94	88	90
Rain-fall in inches	0.19	0.98	0.00	0.54	0.00	0.25	0.85	0.90	0.57	0.70	1.07	0.78	0.26
Registered Sunshine (in hours)	26.8	26.2	53.9	22.6	43.4	40.2	17.4	10.0	31.1	17.3	8.1	23.1	3.9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; E. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIFTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 45th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th November 1889.										Corrected Averages for the 45th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 45th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 9th November 1889.												
		Deaths of Persons of the Ages													Deaths of Persons of the Ages												
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.									
			0-1.	1-6.	5-20.						0-1.								1-6.	5-20.							
ALL CAUSES -	1678'9	1350	310	209	87	181	245	265	53				Diseases of Organs of Special Sense † -	3'5	2	1	-	1	-	-	-	-	-	-	-		
Small-pox { Vaccinated † -	8'4 {	-	-	-	-	-	-	-	-				Diseases of Circulatory System - - -	115'4	132	-	1	6	22	37	50	6					
Unvaccinated -		1	-	-	-	-	1	-	-				Croup - - - -	14'3	14	2	11	1	-	-	-	-	-	-	-		
No Statement -		-	-	-	-	-	-	-	-				Bronchitis - - -	257'3	193	76	46	1	5	21	34	10					
Measles -	53'5	20	2	15	3	-	-	-	-				Pneumonia - - -	112'2	82	21	29	3	11	9	8	1					
Scarlet Fever -	57'3	23	2	13	8	-	-	-	-				Pleurisy - - -	5'7	3	-	-	-	2	1	-	-	-	-	-		
Typhus -	1'4	-	-	-	-	-	-	-	-				Other Diseases of Respiratory System - -	35'7	26	5	4	3	2	4	7	1					
Relapsing Fever † -	0'0	-	-	-	-	-	-	-	-				Dentition † - - -	10'5	8	6	2	-	-	-	-	-	-	-	-		
Influenza -	0'3	-	-	-	-	-	-	-	-				Quinsy, Sore Throat † -	3'2	-	-	-	-	-	-	-	-	-	-	-		
Whooping-cough -	25'6	24	10	14	-	-	-	-	-				Enteritis - - -	6'8	5	2	1	1	-	-	1	-	-	-	-		
Diphtheria -	24'1	23	-	12	10	1	-	-	-				Peritonitis - - -	6'3	5	-	-	-	2	1	2	-	-	-	-		
Simple Continued and Ill-defined Fever -	2'2	-	-	-	-	-	-	-	-				Diseases of Liver -	29'8	25	1	-	1	5	7	9	-	-	-	-		
Enteric Fever -	25'5	11	1	-	2	6	2	-	-				Other Diseases of Digestive System -	30'6	22	4	1	1	3	4	5	1					
Cholera -	0'3	1	-	-	1	-	-	-	-				Diseases of Lymphatic System & of Ductless Glands † - - -	2'3	4	-	-	3	-	-	1	-	-	-			
Diarrhoea, Dysentery -	21'7	17	10	5	-	-	1	1	-				Diseases of Urinary System - - -	38'3	46	-	1	5	5	16	16	3					
Remittent Fever -	0'2	-	-	-	-	-	-	-	-				Diseases of Generative System - - -	5'5	5	-	-	-	2	3	-	-	-	-	-		
Hydrophobia -	0'1	-	-	-	-	-	-	-	-				Accidents of Childbirth -	3'2	2	-	-	-	2	-	-	-	-	-	-		
Eclampsia -	0'0	-	-	-	-	-	-	-	-				Diseases of Locomotive System † - - -	8'1	7	-	1	3	-	2	1	-	-	-	-		
Cowpox and Effects of Vaccination † -	0'2	-	-	-	-	-	-	-	-				Diseases of Integumentary System - - -	6'2	4	1	-	-	-	3	-	-	-	-	-		
Veneral Affections -	10'0	11	5	2	-	2	1	-	1				VIOLENT DEATHS. §														
Erysipelas -	9'5	4	2	-	-	1	1	-	-				(ACCIDENT.)														
Erysipelas -	4'0	2	1	-	1	-	-	-	-				Fracture and Contusion	17'1	15	-	1	1	6	5	2	-	-	-	-		
Erysipelas -	7'2	4	-	-	4	-	-	-	-				Gunshot Wound -	0'1	1	-	-	-	-	-	1	-	-	-	-		
Other Zymotic Diseases †	2'0	1	1	-	-	-	-	-	-				Cut, Stab - - -	0'2	-	-	-	-	-	-	-	-	-	-	-		
Thrush - - - -	1'6	1	1	-	-	-	-	-	-				Burn and Scald -	7'1	5	-	2	2	-	-	-	1	-	-	-		
Worms and other Parasitical Diseases -	0'3	1	-	-	1	-	-	-	-				Poison - - - -	0'9	1	-	1	-	-	-	-	-	-	-	-		
Starvation, Want of Breast-milk † -	1'2	-	-	-	-	-	-	-	-				Drowning - - -	3'5	4	-	1	-	2	1	-	-	-	-	-		
Alcoholism - - -	4'8	8	-	-	-	2	4	2	-				Suffocation - - -	14'0	18	14	1	1	-	2	-	-	-	-	-		
Rheumatic Fever, Rheumatism of Heart †	9'6	12	-	1	6	5	-	-	-				Otherwise - - -	2'5	1	1	-	-	-	-	-	-	-	-	-		
Rheumatism † -	2'9	2	-	-	-	-	-	2	-				(HOMICIDE.)														
Scurvy - - - -	3'3	3	-	-	-	-	2	1	-				Murder & Manslaughter	1'5	1	1	-	-	-	-	-	-	-	-	-		
Rickets † - - -	4'1	4	3	1	-	-	-	-	-				(SUICIDE.)														
Cancer - - - -	56'2	63	-	-	-	4	34	24	1				Gunshot Wound -	1'3	1	-	-	-	1	-	-	-	-	-	-		
Cancer Mesenterica	29'2	17	6	9	1	1	-	-	-				Cut, Stab - - -	0'9	2	-	-	-	-	2	-	-	-	-	-		
Tubercular Meningitis	24'0	23	7	14	1	1	-	-	-				Poison - - - -	1'4	1	-	-	-	1	-	-	-	-	-	-		
Phthisis - - -	168'5	141	3	1	8	70	51	3	-				Drowning - - -	1'1	-	-	-	-	-	-	-	-	-	-	-		
Scrofula, Tuberculosis	15'0	18	5	8	3	1	1	-	-				Hanging - - -	1'5	-	-	-	-	-	-	-	-	-	-	-		
Other Constitutional Diseases †	9'7	12	-	-	2	-	5	5	-				Otherwise - - -	0'8	1	-	1	-	-	-	-	-	-	-	-		
Premature Birth -	33'9	36	36	-	-	-	-	-	-				(EXECUTION.)														
Atelectasis † -	3'8	3	3	-	-	-	-	-	-				Hanging - - -	0'1	-	-	-	-	-	-	-	-	-	-	-		
Congenital Malformations -	7'1	4	4	-	-	-	-	-	-				OTHER CAUSES † -	61'0	39	34	1	-	-	2	2	-	-	-	-		
Old Age - - - -	54'0	44	-	-	-	-	20	24	-																		
Apoplexy - - -	43'3	41	1	-	-	3	13	21	3																		
Epilepsy - - -	8'7	2	-	-	1	-	-	1	-																		
Convulsions -	47'9	35	30	5	-	-	-	-	-																		
Other Diseases of Brain and Nervous System	83'1	75	8	5	6	8	8	33	2																		

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9'045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and from other Zymotic Diseases, during the Week ending—

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	The DEATHS registered in the Week include																Inquest Cases.	Deaths in Public Institutions.	
				Total Deaths.	Deaths of		Deaths from															
					Infants under 1 Year of Age.	Persons aged 6 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.						
LONDON		3,815,704	2659	1350	310	318	1	20	23	23	24	-	11	-	17	51	97	313				
West Districts		669,693	393	232	57	56	-	1	2	2	7	-	-	-	2	11	15	57				
North Districts		905,947	592	321	69	75	-	4	10	7	6	-	3	-	5	7	18	77				
Central Districts		282,236	160	86	15	19	-	3	-	1	-	-	1	-	2	3	6	23				
East Districts		692,738	493	222	54	46	-	5	3	5	1	-	1	-	3	9	29	65				
South Districts		1,265,148	1041	487	115	122	1	7	8	8	10	-	6	-	5	21	29	91				
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
West Districts.																						
St. Mary Paddington WHH G.J. & W.M.		69688	47	21	8	5	-	-	-	-	1	-	-	-	-	2	2	3				
St. John Paddington H - - G.J.		37380	9	16	2	3	-	-	-	-	-	-	-	-	-	2	2	8				
Kensington Town WH - - W.M.		120141	59	46	5	17	-	-	-	-	1	-	-	-	1	1	3	16				
Brompton H - - W.M. & C.		43010	8	6	1	2	-	-	-	-	-	-	-	-	-	1	1	2				
St. Peter Hammersmith - - W.M.		7599	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-				
St. Paul Hammersmith H W.M. & G.J.		64340	50	28	3	5	-	-	1	1	1	-	-	-	-	3	4	2				
Fulham WH - - W.M. & C.		42900	53	27	10	6	-	1	1	1	1	-	-	-	-	-	1	6				
Chelsea South HHH - - C.		30896	16	12	2	1	-	-	-	-	1	-	-	-	1	-	-	3				
Chelsea North-west WHHHHH C.		24925	20	15	4	3	-	-	-	-	1	-	-	-	-	-	-	6				
Chelsea North-east - - C.		32897	24	7	2	2	-	-	-	-	-	-	-	-	-	1	1	-				
May Fair WW - - G.J.		80353	70	10	4	7	-	-	-	-	-	-	-	-	-	-	-	7				
Belgrave WHHH - - C.		89220	31	13	4	2	-	-	-	-	-	-	-	-	-	1	1	1				
St. John Westminster HHH - C.		35496	25	12	5	1	-	-	1	-	-	-	-	-	-	-	-	-				
St. Margaret Westminster H - C.		24679	8	5	2	1	-	-	-	-	-	-	-	-	-	-	-	1				
St. James Westminster WHH N.R. & G.J.		29941	16	5	2	-	-	-	-	-	1	-	-	-	-	-	-	1				
St. Anne Soho HHHHHHH - N.R.		18668	6	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
North Districts.																						
All Souls Marylebone HHHH - W.M.		28759	14	10	1	2	-	1	-	-	-	-	-	-	-	-	-	5				
Cavendish Square HHHH - W.M.		14591	7	3	1	-	-	-	-	-	-	-	-	-	1	-	-	-				
Rectory Marylebone WH G.J. & W.M.		24809	10	10	1	-	-	-	-	-	-	-	-	-	-	-	-	3				
St. Mary Maryleb. HHH G.J. & W.M.		21118	21	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-				
Christchurch Marylebone HH - W.M.		33700	25	10	4	3	-	-	-	-	-	-	-	-	1	-	1	-				
St. John Marylebone H - W.M.		33633	14	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-				
Hamstead Park H N.R. & W.M.		45452	27	13	3	1	-	1	1	1	1	-	1	-	-	-	-	8				
Regent's Park Paneras H - W.M.		39115	19	10	8	3	-	2	-	1	-	-	-	-	-	1	-	-				
Tottenham-court WHHHH N.R. & W.M.		27729	18	21	5	3	-	-	-	-	1	-	-	-	-	2	4	18				
Gray's Inn Lane HHH - N.R.		30247	13	8	-	1	-	-	-	-	-	-	-	-	1	1	1	-				
Somers Town H - N.R.		34869	20	7	2	2	-	-	-	-	1	-	-	-	-	-	-	-				
Camden Town WH - N.R.		17811	13	9	2	6	-	-	-	-	-	-	-	-	-	-	-	7				
Kentish Town W - N.R.		37487	59	50	8	6	-	-	-	-	2	-	1	-	-	-	-	-				
Upper Holloway WHWH - N.R.		67946	61	43	7	17	-	-	-	-	-	-	-	-	1	2	8	18				
Islington South-west HH - N.R.		106676	74	26	5	5	-	1	-	-	-	-	1	-	-	1	2	-				
Islington South-east - - N.R.		61825	30	22	5	6	-	-	-	-	-	-	1	-	-	1	4	-				
Highbury H - N.R.		52048	41	11	6	3	-	-	-	-	-	-	-	-	-	-	-	1				
Stoke Newington H - N.R.		22731	17	7	-	1	-	-	-	-	1	-	-	-	-	-	-	-				
Stamford Hill - E.L.		9277	9	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-				
West Hackney H - N.R.		37610	25	8	1	1	-	-	-	-	-	-	-	-	1	-	-	2				
Hackney WWHWH - E.L. & N.R.		76911	50	40	7	7	-	-	9	2	-	-	-	-	-	1	2	17				
South Hackney - E.L.		39883	25	20	7	4	-	-	-	-	1	1	-	-	-	-	-	-				
Central Districts.																						
St. George Bloomsbury - - N.R.		16681	6	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-				
St. Giles South WH - - N.R.		14864	11	4	-	2	-	-	-	-	-	-	-	-	-	-	-	3				
St. Giles North - - N.R.		13837	5	4	1	2	-	-	-	-	-	-	-	-	-	1	-	-				
St. Martin-in-the-Fields HH N.R. & C.		17509	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Mary-le-Strand H - N.R.		7515	1	3	1	1	-	-	-	-	-	-	-	-	-	1	1	2				
St. Clement Danes H - N.R.		8559	3	5	-	3	-	-	-	-	-	-	-	-	-	-	-	1				
Strand Union Workhouse, Edmonton w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Geo. the Martyr HHHHHHH N.R.		18971	10	12	1	2	-	-	-	1	-	-	-	-	-	-	-	6				
St. Andrew Eastern W - N.R.		10706	6	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
Salfron Hill H - N.R.		6538	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. James Clerkenwell - N.R.		17516	7	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-				
Amwell Clerkenwell - N.R.		19231	21	6	-	1	-	-	-	-	-	-	-	-	1	-	-	-				
Pentonville - N.R.		14773	13	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-				
Goswell-street - N.R.		17696	8	9	3	1	-	3	-	-	-	-	1	-	-	1	-	-				
Old-street H - N.R.		11541	11	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-				
City-road HHL - N.R.		18623	19	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
Whiteworth-street - N.R.		9217	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Finsbury - N.R.		7463	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Botolph H - - N.R. & E.L.		11174	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cripplegate - - N.R.		7193	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
St. Sepulchre H - - N.R.		3368	-	13	1	1	-	-	-	-	-	-	-	-	-	-	-	-				
St. Bride W - - N.R.		8396	1	1	-	-	-	-	-	-	-	-	-	-	-	2	1	11				
Albion Works Barking - N.R.		13666	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-				
Broad Street H - N.R.		5633	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—W., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London and K., the Kent Company.

		The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Deaths of							Deaths from								
				Total Deaths.	Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euterie (or Typhoid) Fever.	Sunnie con-tinued Fever.	Diarthra.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unspecified Causes of Death.
EAST DISTRICTS.																			
Aylwell Shoreditch	N.R. & E.L.	7376	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch HL*	N.R.	14067	3	6	1	1	-	-	-	1	-	-	-	-	-	-	-	3	-
New Town w	N.R.	29937	13	8	3	3	-	-	-	1	-	-	-	-	-	-	1	4	-
Old Town	N.R.	28036	42	16	3	5	-	-	-	-	-	-	-	-	-	1	2	6	-
Argerston WH -	N.R. & E.L.	46276																	
Green North H	E.L.	51157	38	6	3	1	-	-	1	-	1	-	-	-	-	-	1	-	-
Green South	E.L.	34399	21	12	4	-	-	2	-	1	-	-	-	-	-	1	-	-	-
Green East WHL*	E.L.	41405	31	22	2	6	-	1	-	-	-	-	-	-	-	-	2	11	-
Hillfields	E.L. & N.R.	22685	20	8	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-
End New Town W	E.L.	15473	6	14	-	5	-	1	-	-	-	-	-	-	-	-	2	8	-
Whitechapel Church H	E.L. & N.R.	17490	7	14	-	1	-	-	1	-	-	-	1	-	-	1	3	11	-
Codman's Fields	E.L.	9713	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Ldgate	N.R. & E.L.	6102	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. George's, North	E.L.	38747	36	11	5	1	-	-	-	-	-	-	-	-	-	-	1	-	1
St. John, St. George East W	E.L.	8410	8	4	1	3	-	-	-	-	-	-	-	-	-	-	1	3	-
Hadwell HH	E.L. & N.R.	10895	9	6	4	-	-	-	-	-	-	-	-	-	-	2	2	4	-
Atell	E.L.	16107	14	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Timehouse	E.L.	32041	29	5	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-
End Old Town West	E.L.	37980	35	14	9	2	-	-	-	-	-	-	-	-	-	1	1	-	-
End Old Town East WWH-H	E.L.	67653	44	22	4	4	-	1	1	-	-	-	-	-	-	-	3	1	-
ow	E.L.	37074	22	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
romley WWH	E.L.	64359	52	27	4	6	-	-	-	-	-	-	-	-	-	2	7	13	-
oplar WWH	E.L.	55077	28	9	5	1	-	-	-	1	-	-	-	-	-	1	1	-	-
SOUTH DISTRICTS.																			
Christchurch Southwark WH	L. & S.	13663	4	5	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
St. Saviour Southwark	S.	14999	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cent-road	S. & L.	21381	13	5	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Borough-road WH	S. & L.	15955	14	6	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-
Rondon-road HL	L. & S.	21315	18	6	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-
Unity Newington	S. & L.	23672	22	9	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-
St. Peter Walworth W	L. & S.	59555																	

Marylebone Infirmary in Kensington Town sub-district.
 Central London Sick Asylum in Tottenham Court-road sub-district.
 Holborn Infirmary in Upper Holloway sub-district.
 London City Workhouse in Hackney sub-district.
 Holborn " in Hoxton New Town sub-district.
 Whitechapel " Mile End Old Town Eastern sub-dist.
 London City " Mile End Old Town Eastern sub-dist.
 and Bromley sub-district.
 * Private Lunatic Asylums in which paupers are received.
 Stepney Workhouse in Bromley sub-district.
 Poplar & Stepney Sick Asylum " " " "
 Westminster Union Industrial School in West Battersea sub-district.
 Strand and Holborn Workhouses outside Registration London.
 St. Saviour's Infirmary in Camberwell sub-district.
 Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-
 ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,
 Edmonton, and West Ham sub-districts outside Registration London.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 9th November, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enume- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													Inquest Cases.	Deaths in Public Institutions.	Un- certified Causes
						Deaths of		Deaths from													
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.						
LONDON—OUTER RING						370,924	950,957	838	344	85	88	-	6	5	10	4	6	4	9	22	49
30: 1	Carshalton <i>wL</i> -	12228	21118	12	12	1	3	-	-	-	-	-	-	-	-	-	-	-	2	7	
2	Epsom (part of)* <i>WwH</i> -	9971	10710	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (part of)* -	2754	1235	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwFHI</i> -	20851	101241	65	31	1	11	-	-	1	-	2	2	1	2	2	7				
2	Mitcham <i>w†</i> -	11697	17982	13	6	3	-	-	-	-	-	-	-	-	1	3	-				
39: 1	Wimbledon <i>HHH</i> -	3220	15950	22	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
2	Kingston <i>WHH</i> -	8549	36354	26	20	6	3	-	-	-	-	-	-	-	-	-	3				
3	Esher (part of)* -	6801	9221	7	2	1	-	-	-	-	-	-	-	-	-	2	-				
4	Hampton <i>H</i> -	4573	13539	12	4	-	2	-	-	-	-	-	-	-	-	-	1				
40: 1	Richmond <i>WH</i> -	2272	21302	8	5	1	4	-	-	-	-	-	-	-	-	-	2				
2	Mortlake -	2941	12331	9	8	2	3	-	-	-	-	-	-	-	1	1	-				
41: 1	Bromley (pt. of)* <i>HH</i> -	15669	31142	26	9	1	3	-	-	-	-	-	-	-	-	-	1				
2	Chislehurst (pt. of)* <i>WHH</i> -	14807	15844	11	8	1	2	-	-	-	-	-	-	-	-	-	2				
42: 1	Bexley <i>H</i> -	18437	24134	20	10	2	3	-	-	-	-	-	1	-	-	-	1				
2	Dartford (<i>Ww</i> , pts. of)* -	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1				
124: 1	Sunbury <i>w</i> -	11055	11685	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i> -	13277	12089	5	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-		
125: 1	Hillingdon <i>WHH</i> -	6029	10802	6	5	1	-	-	-	-	-	4	-	-	-	-	5				
2	Uxbridge -	6178	3225	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wHL</i> -	14537	11523	2	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-		
126: 1	Isleworth <i>WHH</i> -	7098	22727	19	12	1	6	-	-	-	-	2	-	-	1	2	2	3			
2	Twickenham <i>H</i> -	2477	12479	5	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-		
3	Brentford <i>HL</i> -	4345	27649	14	5	-	3	-	1	-	-	-	-	-	-	1	-	-	-		
4	Chiswick -	1340	15975	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Acton <i>wH</i> -	6038	22376	16	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
127: 1	Harrow <i>H</i> -	13309	12796	9	3	-	-	-	1	-	-	-	-	-	-	1	2	1			
2	Edgware <i>H</i> -	6994	3749	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Willesden -	4388	27453	52	9	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
4	Hendon <i>W</i> -	8382	10434	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
137: 1	Bushey -	9331	6621	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
128: 1	South Mimms -	15599	6391	13	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet -	5433	10092	4	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-		
3	Finchley <i>HL</i> -	4688	17615	8	6	2	2	-	-	-	-	-	-	-	-	1	3				
135: 1	Hatfield (part of)* -	3306	583	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
129: 1	Hornsey <i>H</i> -	3039	37078	29	14	5	3	-	-	1	-	-	1	-	-	-	-	-	-		
2	Tottenham <i>H</i> -	4642	46456	63	18	7	2	-	-	1	2	-	-	-	-	1	1				
3	Edmonton <i>Ww†</i> -	7453	23463	18	8	2	1	-	-	-	1	-	-	-	-	-	-	2			
4	Enfield <i>WH</i> -	12653	19104	19	4	1	-	-	-	-	-	-	-	-	-	-	1				
5	Waltham Abbey -	11017	5368	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt -	8490	7735	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
186: 1	Stratford -	882	38606	33	13	3	5	-	-	-	-	-	-	-	-	-	-	-	-		
2	West Ham <i>wowwH‡</i> -	7351	101053	124	41	16	8	-	-	2	-	-	1	1	-	1	1				
3	Leyton <i>WwL</i> -	4372	32430	40	18	3	6	-	-	-	-	1	-	1	-	-	6				
4	Walthamstow <i>H</i> -	5520	23869	42	25	9	5	-	4	-	-	-	-	-	-	1	1	-	-		
187: 1	Chigwell (part of)* <i>H</i> -	11761	9659	10	5	2	1	-	-	-	1	-	-	-	-	1	1	1			
2	Epping (<i>W</i> , pt. of)* -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
189: 1	Romford (part of)* <i>W</i> -	6730	3411	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford -	8493	7645	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town -	4127	9203	8	3	1	-	-	-	-	-	1	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:
30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 127: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th November, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include															Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from													
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.						
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.					
EATER LONDON	448,334	5,642,015	15·7	1·4	1694	395	403	1	26	28	33	28	17	21	60	362					
INNER LONDON -	77,410	4,351,738	16·2	1·4	1350	310	318	1	20	23	23	24	11	17	51	313					
OUTER RING	370,924	1,290,277	13·9	1·4	344	85	83	-	6	5	10	4	6	4	9	40					

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
ALCUTTA - -	433,219	September 21	-	219	23·3	-	-	-	-	-	74	30†	
OMBAY - -	773,196	October 8	301	387	22·1	-	-	?	?	?	112	28	
ADRAS - -	398,777	September 20	341	318	41·4	-	4	-	-	-	83	78†	
ISIS - - -	2,260,945	November 2	1078	879	20·2	-	7	4	22*	10	10	72	
RUSSELS - h 8 Faubourgs.)	471,606	" 2	257	122	13·5	-	-	-	1	2	-	8	
STERDAM -	403,083	" 2	288	130	16·9	-	-	-	2	-	-	-	
OTTERDAM -	197,723	" 2	128	61	16·0	-	-	-	-	-	-	-	
IN HAGUE -	153,440	" 2	80	58	19·6	-	-	-	-	1	-	-	
OPENHAGEN -	307,000	" 2	168	96	16·3	-	-	1	12	1	1	1	
OCKHOLM -	228,218	October 26	112	66	15·0	-	-	2	6*	-	-	5	
IRISTIANIA -	138,300	November 2	65	63	23·7	-	1	-	6	1	1	5	
PETERSBURG	842,883	October 19	-	381	23·6	-	22	14	6	4	12	35	
ERLIN - -	1,489,672	" 19	801	555	19·2	-	1	6	23	6	2	42	
AMBURG(State)	575,276	" 26	337	216	19·6	-	-	2	9*	2	4	22	
RESSEN - -	264,196	" 26	137	92	18·1	?	-	2	6*	?	-	6	
RESLAU - -	315,000	November 2	205	144	23·9	-	-	3	15*	1	3	5	
UNICH - -	281,000	October 26	206	142	25·9	-	-	-	9*	-	1	22	
ENNA - - -	811,434	" 26	515	325	20·8	1	6	3	4	1	2	38	
RAGUN - -	304,356	" 26	-	117	20·1	1	-	2	6	2	1	3	
UDA-PEETH -	452,907	" 26	360	194	22·3	-	-	6	9	-	6	24	
RIESTH - -	153,084	" 26	-	67	22·0	-	-	2	4*	-	1	3	
OME - - -	407,936	September 14	229	186	23·8	-	-	-	4	1	20†	18	
ORIN (10 days)-	306,398	October 10	-	-	-	-	-	-	-	-	-	-	
ERNICH - -	154,369	" 26	-	-	-	-	-	-	-	-	-	-	
IREO - - -	374,838	" 17	384	323	45·0	2	-	-	6*	1	13	134	
EXANDRIA -	231,396	" 17	194	161	36·3	-	-	-	1	1	13	47	
EW YORK - -	1,571,800	" 19	-	641	21·3	-	1	3	24	5	12	45	
ROOKLYN - -	834,607	" 19	-	294	18·8	-	-	2	26*	2	5	13	
ILADELPHIA -	1,040,245	" 19	-	327	16·4	-	-	5	13	3	9	4	
ALTIMORE -	500,343	" 19	-	165	17·2	-	-	-	6	1	7	7	

* Including deaths from croup.

† Including 5 deaths from cholera in Calcutta, and 9 in Madras.

‡ Including 15 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, NOVEMBER 9TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889.		TEMPERATURE.										Difference between the Air and Dew Point Temperature.					Of Radiation.					Of the Water of the Thames at Deptford.		Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches square at the top of the Ground.		Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																								
MONTH AND DAY.		TEMPERATURE.					Of the Air.					Of the Dew Point.					Degree of saturation (Scale 100).					Of the Water of the Thames at Deptford.		Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches square at the top of the Ground.		Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																								
HARO. METER.		Of the Air.					Of the Dew Point.					Degree of saturation (Scale 100).					Of the Water of the Thames at Deptford.		Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches square at the top of the Ground.		Ozone.																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Phases of the Moon.		High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	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High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from 60 years.	High-est.	Low-est.	Daily Range.	

The height of the eastern of the barometers 150 feet above the mean level of the sea; no correction has been applied to the readings to sea level.

Observations of the barometer were taken at 9h., 4.30 p.m.; and 9h. P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer are averaged into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.81 in. at the beginning of the week to 29.45 in. by 3h. P.M. on the 3rd; increased to 30.32 in. b. noon on the 5th; decreased to 30.18 in. by

GENERAL REMARKS.

DATE.	NOVEMBER.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun, above Sunshine, in hours.	Registered, Sun, above Sunshine, in hours.	GENERAL REMARKS.
SUNDAY	(3	m. P. and w. N. in morning; w. P. afterwards.	0'0	9'5	Fine and partially cloudy in morning; overcast afterwards, with frequent rain till evening.
MONDAY	4	w. P. in morning; v. P. afterwards.	0'0	9'4	Generally cloudy.
TUESDAY	5	s. P. throughout	2'8	9'4	Clear frost in morning; fine with variable amounts of light drizzle till afternoon; cloudless in evening; cloudy and foggy at night.
WEDNESDAY	6	s. P. throughout	0'0	9'3	Foggy in morning; generally overcast till evening; cloudless at night.
THURSDAY	7	s. P. in morning; m. P. afterwards.	0'6	9'2	Fine in early morning; generally overcast afterwards. Foggy between 3 1/2. A.M. and 7 1/2. A.M.
FRIDAY	8	w. P. in morning; v. P. afterwards.	0'5	9'2	Overcast and foggy in morning; fine afterwards with light drizzle till evening; cloudless at night.
SATURDAY	9	m. P. generally	0'0	9'1	Overcast generally; slight fog in morning.
			Sum 3 9	Sum 55'1	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 46. 1889. VOL. L.] WEEK ENDING SATURDAY, NOVEMBER 16. [Price 1½d.

General Register Office, Somerset House,
18th November, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·3 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.		Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.
Birkenhead	9·7	15·3	12·2	11·7	Liverpool -	20·6	20·8	21·1	19·4
Birmingham	17·0	15·8	18·2	16·9	London -	15·7	15·8	16·2	17·4
Blackburn -	22·8	25·0	23·2	19·8	Manchester -	24·0	22·3	23·3	26·7
Bolton -	19·1	18·7	22·3	23·2	Newcastle-on-Tyne*	27·6	28·2	25·0	24·6
Bradford* -	17·1	18·0	24·6	24·4	Norwich -	10·5	17·1	15·5	13·8
Brighton -	19·3	11·6	15·0	19·3	Nottingham -	17·6	14·7	15·4	15·4
Bristol -	14·1	15·5	16·6	12·1	Oldham -	21·6	14·3	21·3	15·8
Cardiff*	13·9	13·9	17·6	15·3	Plymouth -	28·0	22·0	26·0	23·3
Derby -	11·7	16·4	16·4	13·2	Portsmouth -	11·8	15·1	19·2	14·0
Halifax -	23·2	22·5	22·5	17·4	Preston -	29·0	32·0	24·5	28·5
Huddersfield	18·0	15·7	19·7	17·4	Salford* -	13·6	16·9	13·6	22·0
Hull -	20·3	22·3	19·1	13·0	Sheffield -	18·8	19·9	21·0	18·7
Leeds -	19·9	18·8	18·1	19·9	Sunderland -	22·9	22·2	24·9	26·8
Leicester* -	15·9	14·6	18·4	17·3	Wolverhampton -	22·8	21·5	19·0	15·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Bradford, 1·5 in Preston, and 5·4 in Sunderland; from *scarlet fever*, 1·0 in Preston and 4·0 in Plymouth; from *whooping-cough*, 1·3 in Wolverhampton; and from "*fever*," 0·9 in Bradford and in Bolton, and 2·0 in Preston. The 54 deaths from *diphtheria* in the twenty-eight towns included 38 in London, 9 in Salford, and 2 in Manchester. No death from *small-pox* was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2522 BIRTHS and 1451 DEATHS were registered. Allowing for increase of population, the births were 289, and the deaths 238, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 15·8, and 16·2 in the three preceding weeks, further rose last week to 17·4. During the first seven weeks of the current quarter the death-rate averaged 16·3 per 1000, and was 3·1 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1451 deaths included 33 from *measles*, 24 from *scarlet fever*, 38 from *diphtheria*, 37 from *whooping-cough*, 1 from *typhus*, 20 from *enteric fever*, 16 from *diarrhœa* and *dysentery*, and not one from *small-pox*, ill-defined forms of *continued fever*, or *cholera*; thus, 169 deaths were referred to these diseases, being 52 below the corrected average weekly number.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

No death from *small-pox* was registered, the corrected average being 7; only one case of this disease was under treatment on Saturday last in the Metropolitan Asylums Hospitals, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 17, 22, and 20 in the three preceding weeks, rose last week to 33, but were 22 below the corrected average; 8 belonged to Bethnal Green, and 7 to Mile End Old Town sanitary areas. The fatal cases of *scarlet fever*, which had been 20 and 23 in the two previous weeks, further rose last week to 24, but were 30 below the corrected average; 2 belonged to Hammersmith, 2 to Shoreditch, 2 to Bethnal Green, 2 to Stepney, 5 to Camberwell, and 2 to Greenwich sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1597 scarlet fever patients on Saturday last, against numbers increasing in the twenty preceding weeks from 559 to 1557; 176 cases were admitted to these hospitals during the week, against 135 and 204 in the two previous weeks. The deaths from *diphtheria*, which had declined in the four preceding weeks from 41 to 23, rose again last week to 38, and exceeded the corrected average by 14; 2 belonged to Hammersmith, 2 to St. George, Hanover Square, 4 to Pancras, 2 to Shoreditch, 2 to Bethnal Green, 3 to Mile End Old Town, 3 to Battersea, and 2 to Greenwich sanitary areas. The 37 fatal cases of whooping-cough showed a considerable further increase upon recent weekly numbers, and were 4 above the corrected average; 4 belonged to Chelsea, 3 to Shoreditch, 3 to Bethnal Green, 4 to Lambeth, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 17 in each of the two preceding weeks, declined last week to 16, and were 3 below the corrected average; 10 were of children under the age of five years, including 7 of infants aged under one year.

The deaths referred to *enteric fever*, which had been 21, 19, and 11 in the three preceding weeks, rose again last week to 20, but were 5 below the corrected average; 3 belonged to Hackney, 2 to Whitechapel, 2 to Mile End Old Town, and 2 to Newington sanitary areas. The death attributed to *typhus* was of a female, aged 61 years, and occurred in Walker Street, Stepney. The Metropolitan Asylum Hospitals contained 123 cases of enteric fever and 8 of typhus on Saturday last; 16 cases of enteric fever were admitted during the week, against 15 and 26 in the two preceding weeks.

The death of an engineer, residing in Bermondsey, occurred in Guy's Hospital on the 6th instant, and was referred, after inquest, to "glanders, but how occasioned, no evidence to show."

The deaths referred to diseases of the respiratory organs, which had been 281, 300, and 318 in the three preceding weeks, further rose last week to 321, but were 107 below the corrected average.

Different forms of violence caused 65 deaths, concerning all but one of which (the death of a general labourer from lead poisoning) inquests were held. Of these 65 deaths, 10 were cases of suicide, while the remaining 55 were attributed to accident or negligence. Four of these were caused by vehicles in the streets, 11 by burns or scalds, 3 by drowning, and 16 of infants aged under one year by suffocation.

GREATER LONDON.

In Greater London 3360 births and 1791 deaths were registered, corresponding to annual rates of 31.1 and 16.6 per 1000 of the estimated population. In the Outer Ring 12 deaths from diphtheria, 7 from whooping-cough, 6 from "fever," 5 from measles, and 4 from scarlet fever, were registered. The fatal cases of diphtheria included 4 in West Ham and 2 in Tottenham sub-districts; and 2 deaths from whooping-cough were returned in Croydon and in Mitcham sub-districts. Of the 4 deaths from scarlet fever, 2 were returned in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30.21 ins.; the lowest reading was 30.12 ins. on Wednesday afternoon, and the highest 30.41 ins. at the end of the week. The mean temperature of the *air* was 46.8, and 4.4 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Tuesday and Wednesday, whereas it showed a considerable excess on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 5.2 miles per hour, which was 6.8 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Monday, to the amount of 0.01 of an inch. The duration of registered bright sunshine in the week was 11.9 hours, against 15.1 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 16th November, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 16th Nov., 1889.			The DEATHS registered in the Week include														TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGHES.		
		1.	2.	3.	Deaths of		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Week's Deaths		From Causes, 6-12.	Mean.			In Inches.	In Cent.			
					Persons aged 60 Years and upwards.	Infants under 1 Year of Age.												Highest.	Lowest.		Fahrenheit.	Centigrade.						
Cols.					4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.		
28 TOWNS*	9,555,406	5520	3353	831	740			70	72	54	56	54	36	128	235	658	66	18·3	17·4	17·3	0·7	61·1	28·0	46·7	8·17	0·15	0·38	- 28 TOWNS.
LONDON	4,351,788	2522	1451	342	342			33	24	28	37	21	16	65	122	363	18	17·4	2·0	19·3	0·0	61·1	28·4	46·8	8·22	0·01	0·03	LONDON.
BRIGHTON	121,807	66	45	9	17								1	2	2	14	1	19·3	0·0	54·8	39·0	48·3	9·06	0·00	0·00	BRIGHTON.		
PORTSMOUTH	141,283	100	38	10	9					1	2		2	3	5	1	14·0	1·5	14·0		39·0	48·3	9·06				PORTSMOUTH.	
NORWICH	94,510	55	25	7	6							1					13·8	0·6	13·8								NORWICH.	
PLYMOUTH	78,225	39	35	2	12				6	1		1		2	2	8		23·3	5·3	55·5	46·0	50·6	10·33	0·00	0·00	PLYMOUTH.		
BRISTOL	229,361	116	53	14	12						3	2	1	2	2	2	1	12·1	1·4	57·6	33·0	47·0	8·33	0·00	0·00	BRISTOL.		
WOLVERHAMPTON	82,544	48	24	10	5						2				2	2	1	15·2	1·3	54·3	31·1	45·1	7·28	0·10	0·25	WOLVERHAMPTON.		
BIRMINGHAM	454,835	275	147	41	29			4	8			3	3	1	9	22	5	16·9	2·1								BIRMINGHAM.	
LEICESTER*	150,520	84	50	25	10				2					3	8	10		17·3	0·7								LEICESTER.	
NOTTINGHAM	237,812	114	70	17	14			3	1		1	2		2	5	5	1	15·4	1·5	56·4	28·0	45·1	7·28	0·00	0·00	NOTTINGHAM.		
DERBY	98,629	52	25	1	12					1						3		13·2	0·5								DERBY.	
BIRKENHEAD	102,541	54	23	7	7				1							4		11·7	0·5								BIRKENHEAD.	
LIVERPOOL	606,562	345	226	42	33			3	10		1	5		8	9	44	14	10·4	1·6	51·3	33·1	45·5	7·50	0·60	1·52	LIVERPOOL.		
ROLTON	114,670	89	51	11	8				1		2	2	1	3	6	7	1	23·2	2·7								ROLTON.	
MANCHESTER	378,800	248	134	42	37				6	2	3	2	4	16	24	61	1	26·7	2·3								MANCHESTER.	
SALFORD*	234,283	129	99	21	21			1	4	9		1	3	3	4	20	2	22·0	4·0								SALFORD.	
OLDHAM	142,405	68	43	14	10				1					1	3	10	1	15·8	0·7								OLDHAM.	
BLACKBURN	121,275	72	46	11	9			1	1					1	1	4		19·8	1·3								BLACKBURN.	
PRESTON	104,194	65	57	19	14			3	2		1	4		2	2	5	1	28·5	5·0								PRESTON.	
HUDDESFIELD	92,825	42	31	7	6										2	2		17·4	0·0								HUDDESFIELD.	
HALEFAX	81,080	41	27	4	6							1		2	2	1		17·4	0·6								HALEFAX.	
BRADFORD	235,056	100	110	39	17			5			2	4	3	1	1	9	1	24·4	3·1	55·0	37·8	47·9	8·83	0·21	0·53	BRADFORD.		
LEEDS	337,449	199	136	34	33				3			1	1	3	9	15	1	19·9	0·7								LEEDS.	
SHEFFIELD	327,227	207	117	39	25				1					2	3	12	9	18·7	0·5								SHEFFIELD.	
HULL	208,017	115	52	15	11			1				1	1	1	2	2	11	13·0	0·8								HULL.	
SUNDERLAND	184,163	87	69	18	12					1	1			1	4	4	2	26·8	6·2	56·0	35·0	44·4	6·89	0·27	0·69	SUNDERLAND.		
NEWCASTLE*.	160,983	106	76	19	19						1				1	11	4	24·6	1·3	53·0	38·0	46·2	7·89	0·34	0·86	NEWCASTLE.		
CARDIFF	112,712	82	33	11	4				1			1			3	5		15·3	0·9								CARDIFF.	
EDINBURGH	266,900	130	106	22	21			7		3	1		1	5	9	20	25	20·7	2·3	53·6	33·0	47·8	8·78	0·00	0·00	EDINBURGH.		
GLASGOW	528,144	363	232	62	29			5	2	3	10	3	8	12	3	31	27	22·9	3·1	56·2	33·0	47·0	8·33	0·10	0·25	GLASGOW.		
DUBLIN	353,082	198	178	33	50			2	1		2	2	6	8	46	23	26·3	2·1	55·5	33·3	47·1	8·39	0·06	0·15	0·06	0·15	DUBLIN.	

* See note on first page of this Return

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-SIXTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2544	2348	2623	2503	2633	2558	2682	2830	2459	2606	2811.3	2522
Males . .	1274	1239	1330	1362	1360	1321	1381	1454	1207	1335	1435.4	1265
Females .	1270	1104	1293	1241	1273	1237	1301	1376	1252	1271	1375.9	1257
TOTAL Deaths	1609	1489	1434	1571	1631	1507	1557	1385	1638	1619	1689.1	1451
Males . .	826	742	693	812	882	817	765	756	830	848	868.1	748
Females .	783	747	751	759	799	690	792	629	808	771	821.0	703

The numbers in this column are the average weekly numbers in the forty-sixth weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.
TOTAL Births - -	2358	2425	2373	2432	2344	2504	2364	2595	2518	2580	2623	2658	2522
TOTAL Deaths - -	1240	1263	1170	1235	1267	1361	1381	1321	1410	1310	1317	1350	1451
Ages at Death { 0–20 years -	628	569	535	583	599	644	630	581	590	562	599	606	667
20–40 " -	140	172	151	164	157	186	201	187	209	163	200	181	188
40–60 " -	197	235	219	207	248	244	230	227	274	250	209	245	254
60–80 " -	223	240	216	233	216	245	261	263	272	283	253	265	265
at 80 years & upwds.	52	47	49	49	47	42	59	63	65	52	56	53	77
" { Under 1 year -	387	331	306	313	332	386	376	321	320	276	323	310	342
1–5 -	163	156	141	204	182	165	172	175	187	200	212	209	236
5–20 -	78	82	88	66	85	93	82	85	83	86	64	87	89
Deaths from Small-pox -	-	-	-	-	-	-	-	-	-	-	-	1	-
" " Measles -	9	12	9	10	3	7	9	13	23	17	22	20	33
" " Scarlet fever -	16	17	18	17	25	22	20	15	25	27	20	23	24
" " Diphtheria -	37	32	30	41	44	44	45	35	41	37	31	23	38
" " Whooping-cough -	20	21	23	18	26	23	14	14	26	22	21	24	37
" " Typhus -	-	-	1	-	-	2	-	1	1	1	-	-	1
" " Enteric fever -	11	12	21	19	11	19	19	16	11	21	19	11	20
" " Simple Contag. fever -	-	-	1	2	1	1	2	-	2	1	-	-	-
" " Diarrhœa and Dysentery -	109	78	68	68	73	80	52	28	22	15	17	17	16
" " Cholera -	2	1	3	-	1	-	1	-	-	-	-	1	-
" " all the above-mentioned Diseases -	204	173	179	175	184	198	162	122	151	141	130	120	169
" " Dis. of Respiratory System -	115	148	142	152	142	189	225	264	300	281	300	318	321
" " Phthisis -	139	149	134	137	157	146	148	129	184	141	125	141	154
" " Dis. of Circulatory System -	104	93	95	102	110	112	123	127	115	115	104	122	121
Violent Deaths - -	56	51	47	49	54	62	62	50	57	49	59	51	65
Inquest Cases - -	93	93	86	101	96	119	119	99	112	101	123	97	122
Deaths in Public Institutions	279	335	327	316	324	336	335	314	332	319	309	313	363
TEMPERATURE OF THE AIR													
Mean -	57.8	60.2	60.5	63.0	51.1	50.6	49.9	49.8	49.4	46.7	47.3	47.3	46.8
Mean of Highest readings -	68.1	73.0	69.1	74.6	62.2	58.9	56.7	58.4	57.8	53.7	54.0	53.3	52.7
Mean of Lowest readings -	51.1	48.5	55.2	53.8	41.6	42.9	43.8	42.6	41.6	41.5	41.4	40.8	41.0
Humidity of the Air - -	80	74	88	76	74	80	89	82	88	94	88	90	93
Rain-fall in inches - -	0.98	0.00	0.54	0.00	0.25	0.85	0.90	0.57	0.70	1.07	0.78	0.26	0.01
Registered Sunshine (in hours)	26.2	53.9	22.6	43.4	40.2	17.4	10.0	31.1	17.3	8.1	23.1	3.9	11.9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Llyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 46th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 16th November 1889.										Corrected Averages for the 46th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 46th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 16th November 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	0-1.				1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
ALL CAUSES -	1639.1	1451	342	236	89	188	254	265	77	Diseases of Organs of Special Sense † -	2.1	5	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 2. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending,

The DEATHS registered in the Week include																	
REGISTRATION SUB-DISTRICTS.	Enume- rated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths of		Deaths from										Deaths in Public Institutions.	Un- classified Deaths.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued fever.	Diarrhoea.	Violence.		
LONDON	3,815,704	2522	1451	342	342	-	33	24	38	37	1	20	-	16	65	122	363
WEST DISTRICTS	693,638	361	245	56	69	-	1	3	8	8	-	2	-	4	8	15	77
NORTH DISTRICTS	965,947	570	311	72	70	-	-	4	4	8	5	7	-	3	13	23	77
CENTRAL DISTRICTS	282,238	141	105	29	10	-	-	-	1	3	1	-	1	-	10	19	25
EAST DISTRICTS	692,738	311	328	74	73	-	19	6	8	10	1	3	-	7	18	38	81
SOUTH DISTRICTS	1,265,148	936	462	111	120	-	5	10	11	13	-	7	-	1	16	29	103
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST DISTRICTS.																	
St. Mary Paddington WHH G.J. & W.M.	69833	42	23	4	6	-	-	-	-	1	1	-	-	-	1	2	7
St. John Paddington H - G.J.	37330	7	16	4	1	-	-	-	-	1	-	1	-	-	-	1	3
Kensington Town WH - W.M.	120141	56	35	6	12	-	-	-	-	-	-	1	-	-	-	1	15
Brompton H - W.M. & C.	43010	14	6	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Peter Hammersmith - W.M.	7599	2	2	-	2	-	-	-	-	-	-	-	-	-	-	1	5
St. Paul Hammersmith H W.M. & G.J.	64340	48	20	4	7	-	-	-	-	2	1	-	-	1	4	5	5
Fulham WH - W.M. & C.	42900	64	36	10	12	-	1	3	1	1	1	-	-	-	1	10	-
Chelsea South HHH - C.	30386	6	8	3	1	-	-	-	-	-	1	-	-	-	-	-	4
Chelsea North-west WHHHHH - C.	24925	27	17	3	6	-	-	-	-	-	-	-	-	-	-	1	9
Chelsea North-east - C.	32807	26	14	6	2	-	-	-	-	1	3	-	-	-	-	-	-
May Fair WW - G.J.	30353	4	9	1	4	-	-	-	-	-	-	-	-	1	-	-	6
Belgrave WHH - C.	59220	24	21	7	6	-	-	-	-	2	-	-	-	1	2	2	8
St. John Westminster HHH - C.	35498	23	12	4	3	-	-	-	-	-	-	-	-	1	-	-	1
St. Margaret Westminster H - C.	24679	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
St. James Westminster WHH N.R. & G.J.	29941	9	10	1	5	-	-	-	-	-	-	-	-	-	-	-	2
St. Anne Soho HHHHHHH - N.R.	16603	6	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-
NORTH DISTRICTS.																	
All Souls Marylebone HHHHH W.M.	26759	10	14	5	1	-	2	-	-	-	-	-	-	-	1	2	7
Cardenish Square HHHH - W.M.	14391	3	6	1	1	-	-	-	-	-	-	1	-	-	-	-	-
Rectory Marylebone WH G.J. & W.M.	24809	6	6	1	-	-	-	-	1	-	-	-	-	-	-	-	-
St. Mary Maryleb. HHH G.J. & W.M.	21118	21	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Christchurch Marylebone HH - W.M.	33700	7	10	4	2	-	-	-	-	-	-	-	-	-	1	1	-
St. John Marylebone H - W.M.	35638	19	9	2	9	-	-	-	1	-	-	-	-	-	1	3	-
Hampstead WHH - W.M.	43452	30	20	7	4	-	-	-	-	1	1	-	-	-	-	-	7
Regent's Park Pancras H - W.M.	39115	23	8	1	2	-	1	-	-	-	-	-	-	-	-	-	-
Tottenham-court WHHHH N.R. & W.M.	27729	25	12	2	1	-	1	-	1	-	-	-	-	2	1	5	-
Gray's Inn Lane HHH - N.R.	30247	15	12	2	1	-	-	-	-	-	-	-	-	1	2	5	-
Somers Town H - N.R.	34369	22	13	3	3	-	-	-	-	-	-	-	-	-	-	2	-
Camden Town WH - N.R.	17811	14	9	1	4	-	-	-	-	-	3	-	-	1	1	6	-
Kentish Town W - N.R.	87487	63	30	10	12	-	-	-	-	-	-	-	-	2	2	3	7
Upper Holloway WHWH - N.R.	67946	49	28	4	7	-	-	-	-	1	-	-	-	1	-	-	15
Islington South-west HH - N.R.	100676	29	34	11	11	-	-	-	-	-	-	-	-	1	1	2	-
Islington South-east - N.R.	61825	42	11	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Highbury H - N.R.	52043	30	17	7	2	-	-	-	-	-	-	-	-	1	1	2	-
Stoke Newington H - N.R.	22781	17	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Stamford Hill - E.L.	9277	12	4	-	1	-	-	-	-	-	-	-	-	-	1	1	-
West Hackney H - N.R.	37610	28	11	5	1	-	-	-	-	1	1	-	-	1	1	3	-
Hackney WHHHH - E.L. & N.R.	76911	60	40	4	6	-	-	3	3	-	-	6	-	1	2	20	-
South Hackney - E.L.	39983	25	7	1	3	-	-	-	-	-	-	-	-	-	1	-	-
CENTRAL DISTRICTS.																	
St. George Bloomsbury - N.R.	16621	6	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Giles South WH - N.R.	14864	3	7	1	2	-	1	-	-	-	-	-	-	-	1	2	-
St. Giles North - N.R.	13837	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin-in-the-Fields HH N.R. & C.	17508	6	9	2	-	-	-	-	-	-	1	-	-	2	2	2	-
St. Mary-le-Strand H - N.R.	7515	3	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-
St. Clement Danes H - N.R.	8559	3	5	1	-	-	-	-	-	-	-	-	-	-	-	3	-
Strand Union Workhouse, Edmonton w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Geo.-the-Martyr HHHHHHH N.R.	18671	7	7	1	-	-	-	-	-	3	-	-	-	-	-	-	5
St. Andrew Eastern W - N.R.	10706	7	7	2	-	-	-	-	-	-	-	-	-	1	2	-	-
Saffron Hill H - N.R.	6533	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
St. James Clerkenwell - N.R.	17616	8	7	2	1	-	1	-	-	-	-	-	-	-	1	-	-
Amwell Clerkenwell - N.R.	19281	12	5	3	-	-	-	-	-	-	-	-	-	1	1	-	-
Pentonville - N.R.	14773	11	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Goswell-street - N.R.	17505	13	7	2	2	-	-	-	-	-	-	-	-	1	-	-	-
Old-street H - N.R.	11541	11	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-
City-road HHL - N.R.	18028	15	8	2	-	-	-	-	-	-	-	-	-	-	2	3	1
Whitcross-street - N.R.	9217	6	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Finabury - N.R.	7468	3	2	-	1	-	-	-	-	-	-	-	-	-	1	1	-
Holborn Union Workhouse, Mitcham w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Botolph H - N.R. & E.L.	11174	7	3	-	1	-	1	-	-	-	-	-	-	-	-	-	-
Cripplegate - N.R.	7193	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Sepulchre H - N.R.	6358	-	12	-	1	-	-	1	-	-	-	-	-	-	3	4	12
St. Bride W - N.R.	8396	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Albion Works Barking - N.R.	13666	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Broad Street H - N.R.	6652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., signifying Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th November, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes.
LONDON—OUTER RING		370,924	950,957	838	340	76	75	-	5	4	12	7	6	4	10	16	26	-
80: 1	Carshalton <i>wL</i> -	12228	21118	12	7	3	3	-	-	-	-	1	-	-	-	-	-	-
2	Epsom (part of)* <i>WwH</i>	9971	10710	3	4	1	2	-	-	-	1	-	-	-	-	-	1	-
87: 1	Godstone (part of)* -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88: 1	Croydon <i>WwFHI</i> -	20851	101241	69	32	8	7	-	-	1	-	2	1	-	1	1	4	-
2	Mitcham <i>w†</i> -	11697	17932	10	10	4	2	-	-	-	-	2	-	-	-	-	-	-
89: 1	Wimbledon <i>HHH</i> -	3220	15950	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Kingston <i>WHH</i> -	8549	36354	23	9	1	4	-	-	-	-	-	-	-	-	1	2	-
3	Esher (part of)* -	6601	9221	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-
4	Hampton <i>H</i> -	4373	13539	18	2	-	1	-	-	-	-	-	-	-	-	-	-	-
40: 1	Richmond <i>WH</i> -	2272	21302	7	9	-	3	-	-	-	-	-	1	-	-	-	-	-
2	Mortlake -	2941	12331	10	4	2	1	-	-	-	-	-	1	-	1	1	-	-
41: 1	Bromley (pt. of)* <i>HH</i>	15669	31142	33	8	1	4	-	-	-	-	-	-	1	-	-	-	1
2	Chislehurst(pt.of)* <i>WHH</i>	14307	15844	8	5	1	2	-	-	-	1	-	-	-	-	-	-	-
42: 1	Bexley <i>H</i> -	18457	24134	18	11	1	3	-	-	-	-	-	-	1	1	1	-	-
2	Dartford (<i>Ww</i> , pts. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124: 1	Sunbury <i>w</i> -	11055	11683	6	2	-	1	-	-	-	-	-	-	-	-	-	-	-
2	Staines <i>W</i> -	13277	12069	10	3	-	2	-	-	-	-	-	-	-	-	1	1	-
125: 1	Hillingdon <i>WHH</i> -	6029	10802	5	4	-	1	-	-	-	1	1	-	-	1	2	1	-
2	Uxbridge -	6173	5225	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Hayes <i>wHL</i> -	14587	11523	8	9	-	2	-	-	-	-	-	-	-	2	3	3	-
126: 1	Isleworth <i>WHH</i> -	7008	22727	14	6	2	3	-	-	-	-	-	-	-	-	1	2	-
2	Twickenham <i>H</i> -	2477	12479	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-
3	Brentford <i>HL</i> -	4345	27649	17	10	1	2	-	1	-	1	-	-	-	-	-	-	-
4	Chiswick -	1340	15975	9	2	1	1	-	-	-	-	-	1	-	-	-	-	-
5	Aston <i>wH</i> -	6083	22876	21	9	4	3	-	-	-	-	-	-	-	2	2	-	-
127: 1	Harrow <i>H</i> -	13809	12796	6	6	-	1	-	-	-	-	-	-	-	-	-	-	2
2	Edgware <i>H</i> -	6994	3749	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-
3	Willersden -	4383	27453	41	15	5	2	-	-	-	1	-	-	-	1	2	-	-
4	Hendon <i>W</i> -	8382	10484	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-
137: 1	Bushey -	9331	9621	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128: 1	South Mimms -	15599	6391	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Barnet -	5433	10092	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Finchley <i>HL</i> -	4688	17615	10	4	1	1	-	-	-	-	-	-	-	-	-	2	-
135: 1	Hatfield (part of)* -	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129: 1	Hornsey <i>H</i> -	3039	37078	33	8	3	1	-	-	-	-	-	1	-	-	-	-	-
2	Tottenham <i>H</i> -	4642	46455	59	23	8	6	-	-	-	2	-	-	1	-	-	1	-
3	Edmonton <i>Ww†</i> -	7483	23463	21	11	2	2	-	-	-	-	-	-	-	1	1	3	-
4	Enfield <i>WH</i> -	12653	19104	23	5	2	-	-	-	-	-	-	-	-	-	-	-	1
5	Waltham Abbey -	11017	5368	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Cheshunt -	8480	7735	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136: 1	Stratford -	882	38806	32	11	3	2	-	-	-	-	-	-	-	-	-	-	-
2	West Ham <i>wowwH3</i> -	7351	101053	142	51	8	3	-	2	2	4	1	1	-	-	-	-	1
3	Leyton <i>WwL</i> -	4372	32430	52	17	5	1	-	-	-	1	-	-	-	-	-	4	-
4	Walthamstow <i>H</i> -	6530	28869	30	17	5	2	-	2	1	-	-	1	-	-	-	-	9
137: 1	Chigwell (part of)* <i>H</i>	11761	9639	4	5	1	3	-	-	-	-	-	-	-	-	-	-	-
2	Epping (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139: 1	Romford (part of)* <i>W</i>	6730	3411	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
2	Ilford -	8493	7645	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
3	Barking Town -	4127	9203	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district, also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th November, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.			
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
WATER LONDON	448,334	5,642,015	16·6	1·9	1791	418	417	-	38	28	50	44	27	20	75	389		
INNER LONDON -	77,410	4,351,738	17·4	2·0	1451	342	342	-	33	24	38	37	21	16	63	363		
OUTER RING -	370,924	1,290,277	13·8	1·5	340	76	75	-	5	4	12	7	6	4	10	26		

NOTE.—The area of Greater London is 448,334 acres; of which 4,592 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending			ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
			BIRTHS. Exclusive of Stillborn.	DEATHS.		Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
Calcutta	433,219	September 28	-	220	23·4	-	-	-	-	-	65	32†	
Calcutta	773,196	October 15	342	426	24·4	-	1	?	?	?	110	32	
Calcutta	398,777	September 27	319	323	42·0	1	6	?	?	?	82	82†	
Calcutta	2,260,945	November 9	1139	899	20·7	1	17	2	16*	4	11	68	
Calcutta	471,606	" 9	226	143	15·7	-	-	-	1	-	1	13	
Amsterdam	403,083	" 9	250	158	20·6	-	-	1	5	1	-	-	
Amsterdam	197,723	" 9	135	71	18·6	-	2	-	1	-	1	1	
Amsterdam	153,440	" 9	94	49	16·6	-	-	-	-	2	-	-	
Amsterdam	307,000	" 9	240	107	18·2	-	-	-	11	2	4	1	
Amsterdam	228,218	" 2	128	71	16·2	-	-	3	1	-	-	3	
Amsterdam	138,300	" 9	51	66	24·8	-	5	-	10	1	-	3	
Petersburg	842,883	October 26	-	367	22·7	-	14	14	2	6	12	37	
Berlin	1,489,672	" 26	838	465	16·0	-	2	10	28	11	2	40	
Berlin (State)	675,276	November 2	422	210	19·0	-	-	-	11*	3	9	22	
Berlin	264,196	" 2	156	92	18·1	?	-	-	5*	?	-	6	
Berlin	315,000	" 9	205	121	20·1	-	1	5	10*	1	-	7	
Berlin	281,000	" 2	200	133	24·3	-	-	2	6*	-	1	21	
Berlin	811,434	" 2	470	321	20·6	-	8	1	7	1	1	22	
Berlin	304,356	" 2	-	123	21·1	-	-	4	3	1	2	-	
Berlin	452,907	" 2	319	191	21·9	-	-	1	15	-	7	20	
Berlin	158,084	" 2	-	50	16·5	-	-	1	1	-	1	1	
Bombay	407,936	September 21	228	177	22·6	1	-	-	-	1	16†	23	
Bombay (10 days)	306,398	October 10	249	166	19·8	-	-	-	-	-	5	26	
Bombay	154,369	November 2	81	76	25·7	20	-	-	1	1	-	10	
Bombay	374,838	October 24	441	375	52·2	1	-	-	5*	4	23	145	
Alexandria	231,396	" 24	212	176	39·7	1	-	-	-	-	10	42	
New York	1,571,300	" 26	-	612	20·3	-	2	5	16	11	14	32	
Brooklyn	834,607	" 26	-	308	19·1	-	-	2	17	1	6	4	
Philadelphia	1,040,245	" 26	-	330	16·6	-	-	1	3	1	12	3	
Baltimore	500,343	" 26	-	156	16·3	-	-	2	7	1	3	7	

* Including deaths from croup.

† Including 6 deaths from cholera in Calcutta; and 12 in Madras.

‡ Including 12 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, NOVEMBER 16TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

1889. Month and Day.	Phases of the Moon.	TEMPERATURE.						TEMPERATURE.						TEMPERATURE.						Wind as deduced from Anemometers.						Rain collected in a Gauge whose surface is 5 inches above the level of the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		Of the Air.			Of the Dew.			Difference between the Air and Dew Point Temperature.			Of Radiation.			Of the Water of the Thames at Deptford.			Oiler's.			Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		High-est.	Low-est.	Daily Range.	Mean daily value.	De- parture from daily average value.	Mean daily value.	Great- est.	Least.	Sat- uration (100°).	High-est.	Low- est.	High-est.	Low- est.	General Direction.		Pressure on the Square Foot.		Horizontal Movement of the Air on each Day.	Depar- ture from Average of the Air on each 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
															A.M.	P.M.	Great- est.	Least.			Mean of 24 hourly obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	GENERAL REMARKS.									
		Registered Sun above Sunshine, Horizon, in hours.									
NOVEMBER.											
SUNDAY	10 m. P. till afternoon; w. P. afterwards.	0.3	9.1								
MONDAY	11 w. P. in morning; m. P. afterwards.	0.0	9.0								
TUESDAY	12 m. P. in morning; s. P. afterwards.	5.2	9.0								
WEDNESDAY	13 s. P. generally.	5.0	8.9								
THURSDAY	14 v. P. generally.	0.0	8.9								
FRIDAY	15 v. P. in morning; m. P. afterwards.	1.4	8.8								
SATURDAY	16 w. P. in morning; v. P. and v. N. afterwards.	0.0	8.8								
Sum		11.9	62.5								

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations have been usually taken at 9h. A.M.; noon; 3h. P.M. and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted to mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean value of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metric Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30.21 in. at the beginning of the week to 30.17 in. by noon of the 10th; increased to 30.26 in. by 9h. A.M. on the 11th; decreased to 30.12 in. by 5h. P.M. on the 13th; and increased to 30.41 in. at the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 47. 1889. VOL. L.] WEEK ENDING SATURDAY, NOVEMBER 23. [Price 1½d.

*General Register Office, Somerset House,
25th November, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·2 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.		Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.
Birkenhead	15·3	12·2	11·7	16·3	Liverpool -	20·8	21·1	19·4	18·5
Birmingham	15·8	18·2	16·9	18·0	London -	15·8	16·2	17·4	16·5
Blackburn -	25·0	23·2	19·8	21·5	Manchester -	22·3	23·3	26·7	24·7
Bolton -	18·7	21·8	23·2	20·9	Newcastle-on-Tyne*	28·2	25·0	24·6	26·9
Bradford*	18·0	24·6	24·4	23·8	Norwich -	17·1	15·5	13·8	17·1
Brighton -	11·6	15·0	19·3	8·6	Nottingham -	14·7	15·4	13·2	16·9
Bristol -	15·5	16·6	12·1	18·2	Oldham -	14·3	21·3	15·8	15·4
Cardiff*	13·9	17·6	15·3	10·6	Plymouth -	22·0	26·0	23·3	30·7
Derby -	16·4	16·4	13·2	12·7	Portsmouth -	15·1	19·2	14·0	19·6
Halifax -	22·5	22·5	17·4	21·9	Preston -	32·0	24·5	28·5	23·0
Huddersfield	15·7	19·7	17·4	20·2	Salford* -	16·9	13·6	22·0	18·0
Hull -	22·3	19·1	13·0	20·1	Sheffield -	19·9	21·0	18·7	18·2
Leeds -	18·8	18·1	19·9	22·6	Sunderland -	22·2	24·9	26·8	26·0
Leicester*	14·6	18·4	17·3	16·6	Wolverhampton -	21·5	19·0	15·2	20·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Nottingham, 1·3 in Blackburn and Wolverhampton, and 6·2 in Sunderland; from *scarlet fever*, 1·1 in Salford and in Liverpool, 1·3 in Sheffield and in Blackburn, and 7·3 in Plymouth; from *whooping-cough*, 1·0 in Hull and in Newcastle-upon-Tyne, and 1·9 in Wolverhampton; and from "*fever*," 1·0 in Hull. The 50 deaths from *diphtheria* in the twenty-eight towns included 30 in London, 5 in Salford, 2 in Manchester, 2 in Plymouth, 2 in Halifax, 2 in Sheffield, and 2 in Newcastle-upon-Tyne. *Small-pox* caused one death in Liverpool, but not one in any other of the twenty-eight great towns.

LONDON.

In LONDON 2517 BIRTHS and 1376 DEATHS were registered. Allowing for increase of population, the births were 214, and the deaths 388, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the four preceding weeks from 15·7 to 17·4, declined again last week to 16·5. During the first eight weeks of the current quarter the death-rate averaged 16·4 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1376 deaths included 33 from measles, 17 from scarlet fever, 30 from diphtheria, 31 from whooping-cough, 22 from enteric fever, 2 from ill-defined forms of continued fever, 17 from diarrhoea and dysentery, and not one from small-pox,

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

typhus, or cholera; thus, 152 deaths were referred to these diseases, being 78 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; only one case of this disease was under treatment on Saturday last in the Metropolitan Asylums Hospitals, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 20 and 33 in the two preceding weeks, were again 33 last week, and were 27 below the corrected average; 3 belonged to Pancras, 6 to Clerkenwell, 6 to Bethnal Green, and 8 to Mile End Old Town sanitary areas. The 17 fatal cases of *scarlet fever* showed a decline from recent weekly numbers, and were 36 below the corrected average; 3 belonged to Shoreditch and 2 to Lambeth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1620 scarlet fever patients on Saturday last, against numbers increasing in the twenty-one preceding weeks from 559 to 1597; 152 cases were admitted to these hospitals during the week, against 204 and 176 in the two previous weeks. The deaths from *diphtheria*, which had been 23 and 38 in the two preceding weeks, declined again last week to 30 (including one belonging to the Outer Ring), but were 4 above the corrected average; 2 belonged to Paddington, 2 to Kensington, 2 to Westminster, 2 to Marylebone, 2 to Pancras, 2 to Shoreditch, 4 to Bethnal Green, 2 to Whitechapel, 3 to Mile End Old Town, and 2 to Lambeth sanitary areas. The 31 fatal cases of whooping-cough showed a decline of 6 from the number in the previous week, and were 5 below the corrected average; 3 belonged to Fulham, 2 to Pancras, 7 to Lambeth, 3 to Battersea, and 4 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 17 and 16 in the two preceding weeks, were 17 last week, and were one below the corrected average; 13 were of children under the age of five years, including 10 of infants aged under one year.

The deaths referred to *enteric fever*, which had been 11 and 20 in the two preceding weeks, further rose last week to 22 (including 3 hospital cases admitted from outside Registration London), but were 2 below the corrected average; 2 belonged to Newington, 2 to Wandsworth, and 2 to Camberwell sanitary areas. The death of a child, aged 2 years, was referred to febricula, and that of a female, aged 48 years, indefinitely to continued fever. The Metropolitan Asylum Hospitals contained 121 cases of enteric fever and 10 of typhus on Saturday last; 7 cases of enteric fever were admitted during the week, against 26 and 16 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the four preceding weeks from 281 to 321, further rose last week to 328, but were 141 below the corrected average.

Different forms of violence caused 57 deaths, concerning all but two of which (cases of navel-hæmorrhage and of lead-poisoning) inquests were held. Of these 57 deaths, 2 were cases of suicide and 1 of infanticide, while the remaining 54 were attributed to accident or negligence. Two of these were caused by vehicles in the streets, 11 by burns or scalds, 9 by drowning, 2 (including 1 of a worker in a lead factory from lead-poisoning) by poison, and 12 (including 10 of infants under the age of one year) by suffocation.

GREATER LONDON.

In Greater London 3262 births and 1737 deaths were registered, corresponding to annual rates of 30·2 and 16·1 per 1000 of the estimated population. In the Outer Ring 8 deaths from whooping-cough, 8 from scarlet fever, 5 from diphtheria, and 4 from measles were registered. The fatal cases of scarlet fever included 4 in West Ham sub-district; and 3 deaths from whooping-cough, and 2 from diphtheria, occurred in Croydon sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·35 ins.; the highest reading was 30·49 ins. on Monday evening, and the lowest 30·01 ins. at the end of the week. The mean temperature of the *air* was 44°·9, and 3°·6 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Wednesday and Thursday, but was above the average on each of the other days of the week, especially on Sunday and on Saturday. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 4·8 miles per hour, which was 7·7 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·13 of an inch. No bright sunshine was registered during the week at the Royal Observatory, Greenwich, or at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 23rd November, 1889.

CITIES AND BOROUGHES.	POPULATION estimated to the end of the Year 1889.		Registered during the Week ending 23rd Nov., 1889.		Deaths from										The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.	2.	3.	4.	5.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Typhoid.	Diarrhoea.	Violence.	Inquest Cases.			Unclassified Causes of Death.	Annual Rate per 1000, corresponding to the Week's Deaths		Mean.			In Inches.	In Galls.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
														Deaths under 1 Year of Age.	Persons aged 60 Years and upwards.	Deaths from		Deaths in Public Institutions.	Unidentified	From All Causes.	From Diseases in Cols. 6-12.	Highest.			Lowest.	Fahrenheit.	Centigrade.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the Forty-seventh Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2374	2432	2401	2709	2482	2409	2422	2462	2632	2722	2731.1	2517
Males . .	1199	1248	1221	1352	1310	1198	1243	1302	1365	1354	1395.0	1301
Females .	1175	1184	1180	1357	1172	1211	1179	1160	1267	1368	1336.1	1216
TOTAL Deaths	1760	1521	1600	1681	1670	1521	1610	1543	1862	1409	1764.0	1376
Males . . .	889	747	790	865	834	816	810	810	951	716	897.2	690
Females .	871	774	810	816	836	705	800	733	911	693	866.8	686

The numbers in this column are the average weekly numbers in the forty-seventh weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.
TOTAL Births	2425	2373	2432	2344	2504	2364	2595	2518	2580	2623	2658	2522	2517
TOTAL Deaths	1263	1170	1236	1267	1361	1381	1321	1410	1310	1317	1350	1451	1376
Ages at													
{ 0–20 years	569	535	583	599	644	630	581	590	562	599	606	667	661
{ 20–40 "	172	151	164	157	186	201	187	209	163	200	181	188	176
{ 40–60 "	235	219	207	248	244	230	227	274	250	209	245	254	259
Death													
{ 60–80 "	240	216	233	216	245	261	263	272	233	253	265	265	225
{ at 80 years & upwds.	47	49	49	47	42	59	63	65	52	56	53	77	55
"													
{ Under 1 year	331	306	313	332	386	376	321	320	276	323	310	343	335
{ 1–5	156	141	204	182	165	172	175	187	200	212	209	235	233
{ 5–20	82	88	66	85	93	82	85	83	86	64	87	89	93
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	-	1	-	-
" " Measles	12	9	10	3	7	9	13	23	17	22	20	33	33
" " Scarlet fever	17	18	17	25	22	20	15	25	27	20	23	24	17
" " Diphtheria	32	30	41	44	44	45	35	41	37	31	23	38	30
" " Whooping-cough	21	28	18	26	23	14	14	26	22	21	24	37	31
" " Typhus	-	1	-	-	2	-	1	1	1	-	-	1	-
" " Enteric fever	12	21	19	11	19	19	16	11	21	19	11	20	22
" " Simple Cont. fever	-	1	2	1	1	2	-	2	1	-	-	-	2
" " Diarrhœa and Dysentery	78	68	68	73	80	52	28	22	15	17	17	16	17
" " Cholera	1	3	-	1	-	1	-	-	-	-	1	-	-
" " all the above-mentioned Diseases	173	179	175	184	198	162	122	151	141	130	120	169	152
" " Dis. of Respiratory System	148	142	152	142	189	225	264	300	281	300	318	321	328
" " Phthisis	149	134	137	157	146	148	129	184	141	125	141	154	169
" " Dis. of Circulatory System	93	95	102	110	112	123	127	115	115	104	122	121	113
Violent Deaths	51	47	49	54	62	62	50	57	49	59	51	65	57
Inquest Cases	93	86	101	96	119	119	99	112	101	123	97	122	114
Deaths in Public Institutions	335	327	316	324	336	335	314	332	319	309	313	363	315
TEMPERATURE OF THE AIR													
Mean	60.2	60.5	63.0	51.1	50.6	48.9	49.8	49.4	46.7	47.3	47.3	46.8	41.9
Mean of Highest readings	73.0	69.1	74.6	62.2	58.9	56.7	58.4	57.8	53.7	54.0	53.3	52.7	48.2
Mean of Lowest readings	48.5	55.2	53.8	41.6	42.9	43.8	42.6	41.6	41.5	41.4	40.8	41.0	41.3
Humidity of the Air	74	88	76	74	80	89	82	88	94	88	90	93	94
Rain-fall in inches	0.00	0.54	0.00	0.25	0.85	0.90	0.57	0.70	1.07	0.78	0.26	0.01	0.13
Registered Sunshine (in hours)	53.9	22.6	43.4	40.2	17.4	10.0	31.1	17.3	8.1	23.1	3.9	11.9	0.0

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 47th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd November 1889.								Corrected Averages for the 47th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd November 1889.									
		Deaths of Persons of the Ages									Deaths of Persons of the Ages									
		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
ALL CAUSES - -	1764.0	1376	335	233	93	176	259	225	55											
Small-pox { Vaccinated† - - - } { Unvaccinated - - - } { No Statement - - - }	8.5	-	-	-	-	-	-	-	-											
Measles - - - - -	60.2	33	2	30	1	-	-	-	-											
Scarlet Fever - - -	52.9	17	-	13	4	-	-	-	-											
Typhus - - - - -	1.5	-	-	-	-	-	-	-	-											
Relapsing Fever† - -	0.2	-	-	-	-	-	-	-	-											
Influenza - - - - -	0.3	-	-	-	-	-	-	-	-											
Whooping-cough - -	36.2	31	10	20	1	-	-	-	-											
Diphtheria - - - - -	26.3	30	2	19	9	-	-	-	-											
Simple Continued and Ill-defined Fever - }	2.1	2	-	1	-	-	1	-	-											
Enteric Fever - - -	24.0	22	-	-	11	10	1	-	-											
Cholera - - - - -	0.4	-	-	-	-	-	-	-	-											
Diarrhoea, Dysentery	18.0	17	10	3	-	1	-	3	-											
Remittent Fever† - -	0.3	-	-	-	-	-	-	-	-											
Hydrophobia - - -	0.7	-	-	-	-	-	-	-	-											
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-											
Cowpox and Effects of Vaccination† - - }	0.0	1	1	-	-	-	-	-	-											
Veneral Affections -	10.4	13	12	-	-	-	1	-	-											
Erysipelas - - - -	8.0	6	2	-	1	1	1	1	-											
Pyæmia and Septicæmia†	3.3	3	-	-	-	2	1	-	-											
Puerperal Fever - -	8.3	7	-	-	1	6	-	-	-											
Other Zymotic Diseases†	2.3	-	-	-	-	-	-	-	-											
Thrush - - - - -	1.2	1	1	-	-	-	-	-	-											
Worms and other Parasitical Diseases - - }	0.5	-	-	-	-	-	-	-	-											
Starvation, Want of Breast-milk† - - }	1.7	1	1	-	-	-	-	-	-											
Alcoholism - - - - -	3.7	3	-	-	-	1	1	1	-											
Rheumatic Fever, Rheumatism of Heart†	9.3	4	-	-	2	1	1	-	-											
Rheumatism† - - -	1.4	3	-	-	-	-	1	2	-											
Gout - - - - -	3.6	-	-	-	-	-	-	-	-											
Rickets† - - - - -	4.1	3	-	3	-	-	-	-	-											
Cancer - - - - -	57.7	56	-	-	1	6	23	19	2											
Tabes Mesenterica -	23.4	16	10	5	1	-	-	-	-											
Tubercular Meningitis	24.3	16	5	7	3	1	-	-	-											
Phthisis - - - - -	181.5	169	3	2	11	78	64	11	-											
Scrofula, Tuberculosis	16.4	16	5	4	4	1	-	1	1											
Other Constitutional Diseases† - - }	12.0	11	1	-	1	-	4	5	-											
Premature Birth - - -	38.9	39	39	-	-	-	-	-	-											
Atelectasis† - - - -	2.1	2	2	-	-	-	-	-	-											
Congenital Malformations - - }	8.4	3	2	-	1	-	-	-	-											
Old Age - - - - -	50.7	36	-	-	-	-	-	14	22											
Apoplexy - - - - -	44.8	28	-	-	1	2	10	12	3											
Epilepsy - - - - -	6.9	7	-	-	2	1	2	2	-											
Convulsions - - - -	50.1	40	37	3	-	-	-	-	-											
Other Diseases of Brain and Nervous System	82.3	65	15	8	6	1	13	15	7											
Diseases of Organs of Special Sense† - - }	1.7	2	1	-	1	-	-	-	-											
Diseases of Circulatory System - - - }	124.5	113	2	2	9	16	36	42	6											
Croup - - - - -	17.4	9	1	8	-	-	-	-	-											
Bronchitis - - - - -	237.2	195	61	46	1	5	23	43	11											
Pneumonia - - - - -	120.7	94	29	28	4	11	14	7	1											
Pleurisy - - - - -	4.7	4	-	1	-	3	-	-	-											
Other Diseases of Respiratory System - - }	38.6	26	3	5	1	-	6	11	-											
Dentition† - - - - -	8.1	12	8	4	-	-	-	-	-											
Quinsy, Sore Throat†	2.9	3	-	2	1	-	-	-	-											
Enteritis - - - - -	8.0	7	6	-	1	-	-	-	-											
Peritonitis - - - - -	6.5	9	-	-	3	2	2	-	-											
Diseases of Liver - -	29.7	19	2	-	-	1	10	6	-											
Other Diseases of Digestive System - - }	26.0	20	3	2	1	2	7	4	1											
Diseases of Lymphatic System & of Ductless Glands† - - }	2.6	2	1	1	-	-	-	-	-											
Diseases of Urinary System - - - }	44.8	30	1	-	1	6	12	10	-											
Diseases of Generative System - - - }	5.8	8	-	-	-	5	3	-	-											
Accidents of Childbirth - - }	3.9	6	-	-	-	4	2	-	-											
Diseases of Locomotive System† - - - }	9.0	11	-	2	3	1	3	2	-											
Diseases of Integumentary System - - }	6.1	1	1	-	-	-	-	-	-											
VIOLENT DEATHS.‡																				
(ACCIDENT.)																				
Fracture and Contusion	20.4	18	3	8	1	3	3	4	1											
Gunshot Wound - - -	0.2	-	-	-	-	-	-	-	-											
Cut, Stab - - - - -	0.2	1	-	-	-	-	1	-	-											
Burn and Scald - - -	8.2	11	1	5	2	1	-	2	-											
Poison - - - - -	2.1	2	-	1	1	-	-	-	-											
Drowning - - - - -	6.1	9	-	-	1	5	3	-	-											
Suffocation - - - - -	12.5	12	10	1	-	-	1	-	-											
Otherwise - - - - -	2.5	1	1	-	-	-	-	-	-											
(HOMICIDE.)																				
Murder & Manslaughter	2.1	1	1	-	-	-	-	-	-											
(SUICIDE.)																				
Gunshot Wound - - -	0.5	-	-	-	-	-	-	-	-											
Cut, Stab - - - - -	1.6	-	-	-	-	-	-	-	-											
Poison - - - - -	1.2	-	-	-	-	-	-	-	-											
Drowning - - - - -	0.3	1	-	-	-	1	-	-	-											
Hanging - - - - -	1.2	1	-	-	1	-	-	-	-											
Otherwise - - - - -	0.9	-	-	-	-	-	-	-	-											
(EXECUTION.)																				
Hanging - - - - -	0.0	-	-	-	-	-	-	-	-											
OTHER CAUSES† - - -	58.4	47	40	4	1	-	1	1	-											

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE E. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births	Total Deaths.	The DEATHS registered in the Week include															
					Deaths of		Deaths from													
					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Euteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unrecorded Causes of Death.	
LONDON		3,815,704	2517	1376	335	280	-	33	17	30	31	-	22	2	17	57	114	315	13	
WEST DISTRICTS		669,688	362	239	63	41	-	2	1	5	7	-	3	-	5	5	16	62	2	
NORTH DISTRICTS		905,947	599	299	74	66	-	6	5	9	4	-	4	-	3	14	27	82	-	
CENTRAL DISTRICTS		282,288	139	91	18	19	-	4	1	4	1	-	4	-	-	5	9	30	2	
EAST DISTRICTS		692,788	473	267	69	50	-	18	2	6	2	-	4	1	3	12	27	61	-	
SOUTH DISTRICTS		1,265,148	954	478	121	104	-	3	6	6	17	-	7	1	6	21	35	78	8	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION		-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69888	47	31	11	6	-	-	-	-	1	-	1	-	1	2	5	5	-	
St. John Paddington H - - G.J.		37380	7	1	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-	
Kensington Town Ww - - W.M.		120141	33	39	9	9	-	-	-	1	1	-	1	-	1	-	2	13	1	
Brompton H - - W.M. & C.		43010	21	9	1	1	-	-	-	-	-	-	-	-	-	-	1	3	-	
St. Peter Hammersmith - - W.M.		7899	6	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	61	32	11	4	-	-	-	-	1	-	-	-	1	2	3	3	-	
Fulham Ww - - W.M. & C.		42900	60	39	13	3	-	1	1	1	3	-	-	-	1	-	1	5	-	
Chelsea South HHH - - C.		30396	20	8	3	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
Chelsea North-west WHHHH - C.		24925	13	15	4	3	-	-	-	-	1	-	-	-	-	-	-	9	-	
Chelsea North-east - - C.		32807	20	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
May Fair WW - - G.J.		20353	10	11	1	4	-	-	-	-	-	-	-	-	-	-	1	6	1	
Belgrave WHHH - - C.		59220	18	13	1	3	-	-	-	1	-	-	1	-	-	-	1	7	-	
St. John Westminster HHH - C.		35496	17	10	1	2	-	-	-	1	-	-	-	-	-	1	1	4	-	
St. Margaret Westminster H - C.		24679	9	8	1	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. James Westminster WHH N.R. & G.J.		29941	9	6	3	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
St. Anne Soho HHHHHH - N.R.		18608	11	4	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																				
All Souls Marylebone HHHHH W.M.		26759	11	13	1	2	-	-	-	-	-	-	-	-	-	1	-	10	-	
Cavendish Square HHHH - W.M.		14891	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Rectory Marylebone WH G.J. & W.M.		24809	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	21	10	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.		38700	19	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - W.M.		38683	16	6	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead Ww - - N.R. & W.M.		45452	28	18	7	2	-	-	-	1	5	-	-	-	-	-	1	8	-	
Regent's Park Pancras H - W.M.		89115	25	11	2	4	-	-	1	-	-	-	-	-	-	2	2	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	13	17	2	5	-	-	2	-	-	-	-	-	-	2	2	12	-	
Gray's Inn Lane HHH - - N.R.		30247	17	15	5	1	-	-	1	-	-	-	2	-	-	1	2	7	-	
Somers Town H - - N.R.		34869	20	5	2	6	-	-	-	-	-	-	-	-	-	2	2	6	-	
Camden Town WH - - N.R.		17811	14	10	2	5	-	-	-	-	-	2	-	-	-	2	4	5	-	
Kentish Town W - - N.R.		87487	65	31	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Upper Holloway WWH - - N.R.		67946	63	31	5	6	-	-	-	-	-	-	-	-	-	2	3	13	-	
Islington South-west HH - N.R.		100976	70	25	12	2	-	3	-	-	-	-	-	-	-	-	1	-	-	
Islington South-east - - N.R.		61826	45	12	2	3	-	-	-	-	-	-	-	-	-	-	-	1	-	
Highbury H - - N.R.		62048	26	15	5	4	-	1	-	-	-	-	-	-	-	-	-	2	-	
Stoke Newington H - - N.R.		22781	15	4	2	1	-	-	-	-	-	-	-	-	-	1	1	-	-	
Stamford Hill - - E.L.		9277	12	6	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.		87610	26	8	1	3	-	-	-	-	-	-	-	-	-	1	-	-	-	
Hackney Ww - - E.L. & N.R.		76911	54	33	7	8	-	-	4	4	1	-	-	-	-	-	4	15	-	
South Hackney - - E.L.		39883	25	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - N.R.		10681	9	1	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	
St. Giles South WH - - N.R.		14884	17	6	1	2	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Giles North - - N.R.		13887	4	4	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17509	4	7	1	2	-	-	-	-	-	-	1	-	-	-	-	4	-	
St. Mary-le-Strand H - - N.R.		7615	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	3	1	
St. Clement Danes H - - N.R.		8559	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strand Union Workhouse, Edmonton w.		-	-	-	3	-	-	2	-	-	-	-	-	-	-	-	-	2	-	
St. Geo.-the-Martyr HHHHHH N.R.		18671	5	11	3	1	-	-	-	-	3	-	-	-	-	1	2	5	-	
St. Andrew Eastern W - - N.R.		10706	5	8	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Safron Hill H - - N.R.		6583	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.		17516	13	6	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Amwell Clerkenwell - - N.R.		19281	10	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fentonville - - N.R.		14773	9	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - - N.R.		17506	7	5	-	-	-	-	3	-	-	-	-	-	-	-	1	-	-	
Old-street H - - N.R.		11541	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.		18623	15	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whitecross-street - - N.R.		9217	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - - N.R.		7463	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham w.		-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Botolph H - - N.R. & E.L.		11174	6	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - - N.R.		7193	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Sepulchre H - - N.R.		6398	1	16	1	1	-	-	-	1	-	-	2	-	3	4	13	1	-	
St. Bride W - - N.R.		8396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - - N.R.		13666	5	4	-	1	-	-	1	-	-	-	-	-	1	1	-	-	-	
Broad Street H - - N.R.		6652	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L., East London, and K., the Kent Company.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 23rd November, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		370,924	950,957	745	361	97	93	-	4	8	5	8	2	5	14	24	35	3	
80:1	Carshalton <i>wL</i> -	12238	21118	7	13	2	3	-	-	-	-	2	-	-	-	-	-	9	
2	Epsom (part of) * <i>WwH</i>	9071	10710	5	6	1	2	-	-	-	-	-	-	-	-	2	2	-	
37:1	Godstone (part of) * -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwFHI</i> -	20851	101241	83	41	11	9	-	-	-	2	3	-	-	4	5	5	-	
2	Mitcham <i>w</i> † -	11897	17932	8	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	3220	15950	10	6	2	3	-	-	1	-	-	-	-	-	-	2	1	
2	Kingston <i>WHH</i> -	8549	36354	24	11	2	3	-	-	-	-	-	-	-	1	1	-	-	
3	Esher (part of) * -	6601	9231	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	13	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond <i>WH</i> -	2972	21302	8	5	3	-	-	-	-	-	-	-	-	-	-	-	-	
2	Mortlake -	2041	12331	5	5	1	1	-	-	-	-	1	-	-	-	-	-	-	
41:1	Bromley (pt. of) * <i>HH</i>	15089	31142	25	5	1	1	-	-	-	-	-	-	1	-	-	-	-	
2	Chislehurst (pt. of) * <i>WHH</i>	14307	15844	8	8	2	4	-	-	-	-	-	-	1	-	-	2	-	
42:1	Bexley <i>H</i> -	18437	24134	20	10	-	4	-	-	1	-	-	-	-	1	1	-	-	
2	Dartford (Ww, pts. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124:1	Sunbury <i>w</i> -	11055	11685	13	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	10	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon <i>WHH</i> -	6029	10802	9	1	-	-	-	-	-	1	-	-	-	-	-	-	1	
2	Uxbridge -	6178	3225	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14537	11523	5	3	-	3	-	-	-	-	-	-	-	-	-	-	-	
126:1	Isleworth <i>WHH</i> -	7008	22727	15	10	2	3	-	-	-	-	-	-	-	-	-	-	2	
2	Twickenham <i>H</i> -	2477	12479	3	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4845	27649	24	7	1	1	-	1	-	-	-	-	-	-	-	-	1	
4	Chiswick -	1340	15975	10	4	3	-	-	-	-	-	-	-	-	-	1	-	-	
5	Acton <i>wH</i> -	6088	22376	17	6	4	1	-	-	-	-	-	-	1	-	-	-	-	
127:1	Harrow <i>H</i> -	13809	12796	10	4	-	-	-	1	-	-	-	-	-	1	1	-	-	
2	Edgware <i>H</i> -	6994	3749	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	37	9	4	3	-	-	-	-	-	-	-	-	-	-	-	
4	Hendon <i>W</i> -	8332	10434	5	3	2	1	-	-	-	-	-	-	1	-	-	-	2	
137:1	Bushey -	9331	6621	5	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138:1	South Mimms -	15599	6391	3	4	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5493	10092	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Finchley <i>HL</i> -	4688	17615	13	9	1	4	-	-	1	-	-	-	-	-	-	-	2	
135:1	Hatfield (part of) *	3306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i> -	3039	37078	23	12	4	5	-	-	-	-	-	-	-	-	1	-	-	
2	Tottenham <i>H</i> -	4642	46456	58	27	8	7	-	-	-	-	-	1	-	2	4	2	1	
3	Edmonton <i>Ww</i> †	7452	23463	25	4	-	1	-	-	-	-	-	-	-	-	-	-	1	
4	Enfield <i>WH</i> -	12653	19104	22	7	2	2	-	-	-	-	-	-	-	1	1	-	-	
5	Waltham Abbey -	11017	5363	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8130	7735	-	3	1	-	-	-	-	-	-	-	1	-	1	-	-	
136:1	Stratford -	822	38606	23	9	2	3	-	-	1	-	-	-	-	-	-	-	-	
2	West Ham <i>wowwH3</i> -	7351	101053	98	53	21	2	-	1	4	-	1	-	-	2	3	-	1	
3	Leyton <i>WwL</i> -	4372	32430	23	24	6	5	-	-	-	-	1	-	-	1	1	4	-	
4	Walthamstow <i>H</i> -	6520	28869	41	18	2	7	-	1	-	-	-	1	-	-	-	-	-	
137:1	Chigwell (part of) * <i>H</i>	11761	9039	6	4	-	1	-	-	-	-	-	-	-	1	2	-	-	
2	Epping (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Romford (part of) * <i>W</i>	6730	3411	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	2	2	-	1	-	-	-	1	-	-	-	-	-	-	-	
3	Barking Town -	4127	9203	10	4	2	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—39:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warringtonham and Farley in Godstone sub-district: 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Norton in Hatfield sub-district: 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd November, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from											Deaths in Public Institutions.	
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
EATER LONDON	448,334	5,642,015	16·1	1·7	1737	432	373	-	37	25	35	39	26	22	71	350				
INNER LONDON -	77,410	4,351,738	16·5	1·8	1376	335	280	-	33	17	30	31	24	17	57	315				
OUTER RING	370,924	1,290,277	14·6	1·3	361	97	93	-	4	8	5	8	2	5	14	35				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
LCUTTA -	433,219	October 5	-	-	-	-	-	-	-	-	-	-	-
OMBAY -	773,196	" 22	322	403	23·1	-	3	?	?	?	112	44†	
ADRAS -	398,777	" 4	310	300	39·0	1	6	?	?	?	74	63†	
ERS -	2,260,945	November 16	1171	917	21·1	1	10	3	33*	4	20	69	
USSELS - (8 Faubourgs.)	471,606	" 16	250	176	19·4	-	-	-	2	-	2	19	
STERDAM -	403,083	" 16	242	136	17·7	-	5	-	4	-	1	-	
YTERDAM -	197,723	" 16	160	73	19·1	-	-	-	1	-	-	-	
DE HAGUE -	153,440	" 16	113	44	14·9	-	-	-	1	1	-	-	
ENHAGEN -	307,000	" 16	200	105	17·8	-	1	1	12	3	1	1	
OCKHOLM -	228,218	" 9	125	73	16·6	-	-	4	3	-	-	4	
CRISTIANIA -	138,300	" 16	38	57	21·4	-	6	1	10	2	-	4	
PETERSBURG	842,883	" 2	-	433	26·8	-	14	24	5	6	11	41	
ERLIN -	1,489,672	" 2	911	515	17·7	-	1	9	25	14	5	40	
AMBURG(State)	675,276	" 9	363	205	18·6	-	-	-	14*	2	3	15	
ESDEN -	264,196	" 9	155	100	19·7	?	4	-	8*	?	1	-	
ESLAU -	315,000	" 16	214	146	24·2	-	-	2	14*	4	-	9	
ENICH -	281,000	" 9	226	112	20·7	-	-	-	8*	2	-	21	
ENNA -	811,434	" 9	515	306	19·6	-	11	3	2	-	1	24	
AGUE -	304,356	" 9	-	149	25·5	2	5	5	7	3	3	5	
DA-PESTE -	452,907	" 9	315	234	26·9	-	1	2	12	-	8	22	
ESTE -	158,084	" 9	-	60	19·7	-	-	-	4*	-	-	-	
OME -	407,936	September 23	-	-	-	-	-	-	-	-	-	-	
ERIN (10 days)-	306,398	October 20	261	168	20·0	-	1	-	2	-	5	27	
ENICE -	154,369	November 9	65	83	28·1	21	-	-	2*	-	1	8	
ERO -	374,833	October 31	432	337	46·9	-	-	-	2*	-	19	119	
EXANDRIA -	231,396	" 31	220	184	41·5	1	-	1	-	-	14	52	
EW YORK -	1,571,300	November 2	-	618	20·5	-	-	4	15	6	16	25	
OOKLYN -	834,607	" 2	-	295	18·2	-	-	1	29	1	8	7	
ILADELPHIA -	1,040,245	" 2	-	399	20·0	-	1	9	10	-	16	6	
LTIMORN -	500,343	" 2	-	158	16·5	-	-	3	6	1	3	6	

* Including deaths from croup.

† Including 3 deaths from cholera in Bombay, and 8 in Madras.

1889.	MONTH AND DAY.	PHASES OF THE MOON.	TEMPERATURE.										TEMPERATURE.				WIND as deduced from Anemometers.				Rain collected in a gauge receiving surface 3 inches above the Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			BAROMETER.	Of the Air.					Of the Dew Point.	Difference between the Air Temperature and Temperature of the Thermometer.			Degree of Humidity (saturated).	Of Radiation.		Of the Water at Deptford.		OSLER'S.		Pressure on the Square Foot.		ROBINSON'S.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				High. est.	Low. est.	Daily Range.	Mean daily value.	De- parture from Average of 0 years.		Mean daily value.	Great. est.	Least.		High. est.	Low. est.	A.M.	P.M.	Great. est.	Least.	Mean of 54 hourly obs.		Horizontal Movement of Air on each Day.	Departure from Average of 10 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h, A.M.; 3h, P.M.; and 9h, P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; W. weak; M. moderate; S. strong; and Z. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30.41 in. at the beginning of the week to 30.49 in. by 9h. P.M. on the 18th; and decreased with slight exceptions to 30.03 in. at the end of the

GENERAL REMARKS.

SUNDAY	17	v. P. in morning; m. P. afterwards.	0·0	S·7	Overcast. Slight fog in morning.
MONDAY	18	v. P. throughout	0·0	S·7	Overcast generally. Occasional slight rain.
TUESDAY	19	m. P. generally.	0·0	S·6	Overcast generally.
WEDNESDAY	20	m. P. generally	0·0	S·6	Overcast throughout.
THURSDAY	21	v. P. in morning; s. P. afterwards.	0·0	S·5	Overcast.
FRIDAY	22	v. P. in morning; m. P. afterwards.	0·0	S·5	Generally overcast till evening; fine with variable amounts of cloud afterwards.
SATURDAY	23	w. P. till 4h. P.M.; v. P. and v. N. till 5h. P.M.; v. P. after- ward.	0·0	S·4	Cloudless in early morning; overcast from 9h. A.M. till evening with rain and fog between 4h. P.M. and 8h. P.M.; variable at night.
			Sum	Sum	
			0·0	60·0	

WEEKLY RETURN

BIRTHS AND DEATHS IN LONDON

AND IN
TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 48. 1889. VOL. L.] WEEK ENDING SATURDAY, NOVEMBER 30. [Price 1½d.

General Register Office, Somerset House,
2nd December. 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·0 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.		Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.
Birkenhead	12·2	11·7	16·3	15·8	Liverpool -	21·1	19·4	18·5	22·1
Birmingham	18·2	16·9	18·0	18·0	London -	16·2	17·4	16·5	17·4
Blackburn -	23·2	19·8	21·5	17·2	Manchester -	23·3	26·7	24·7	27·4
Bolton -	21·8	23·2	20·9	24·6	Newcastle-upon-Tyne*	25·0	24·6	26·9	21·7
Bradford*	24·6	24·4	23·8	20·0	Norwich -	15·5	13·8	17·1	11·6
Brighton -	15·0	19·3	8·6	15·0	Nottingham -	15·4	13·2	15·9	16·0
Bristol -	16·6	12·1	18·2	16·6	Oldham -	21·3	15·8	15·4	19·1
Cardiff*	17·6	15·3	10·6	19·0	Plymouth -	26·0	23·3	30·7	32·0
Derby -	16·4	13·2	12·7	19·1	Portsmouth -	19·2	14·0	19·6	13·7
Halifax -	22·5	17·4	21·9	23·2	Preston -	24·5	28·5	23·0	19·0
Huddersfield	19·7	17·4	20·2	14·1	Salford*	13·6	22·0	18·0	17·8
Hull -	19·1	13·0	20·1	25·1	Sheffield -	21·0	18·7	18·2	20·4
Leeds -	18·1	19·9	22·6	22·5	Sunderland -	24·9	26·8	26·0	30·3
Leicester*	18·4	17·3	16·6	14·6	Wolverhampton -	19·0	15·2	20·2	23·4

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Nottingham and 5·1 in Sunderland; from *scarlet fever*, 1·1 in Sheffield, 1·8 in Bolton, and 2·7 in Plymouth; from *whooping-cough*, 1·3 in Leeds and 2·3 in Hull; and from "*fever*," 0·9 in Leeds, in Brighton, and in Cardiff. The 51 deaths from *diphtheria* in the twenty-eight towns included 33 in London, 6 in Salford, 3 in Plymouth, 2 in Liverpool, and 2 in Newcastle-upon-Tyne. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2321 BIRTHS and 1448 DEATHS were registered. Allowing for increase of population, the births were 412, and the deaths 286, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·4 and 16·5 in the two preceding weeks rose again last week to 17·4. During the first nine weeks of the current quarter the death-rate averaged 16·5 per 1000, and was 3·3 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1448 deaths included 18 from measles, 19 from scarlet fever, 33 from diphtheria, 44 from whooping-cough, 15 from enteric fever, one from an ill-defined form of continued fever, 12 from diarrhoea and dysentery, and not one from small-

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

pox, typhus, or cholera; thus, 142 deaths were referred to these diseases, being 84 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; only one case of this disease was under treatment on Saturday last in the Metropolitan Asylum Hospitals, and not one in the Highgate Small-pox Hospital. The death of an infant, aged 5 months, in Hampstead, was referred to "varicella gangrenosa." The fatal cases of *measles*, which had been 33 in each of the two preceding weeks, declined last week to 18, and were 49 below the corrected average; 3 belonged to Pancras, 5 to Bethnal Green, and 3 to Mile End Old Town sanitary areas. The 19 deaths from *scarlet fever* showed an increase of 2 upon the low number in the previous week, but were 33 below the corrected average; 5 (including 2 from Golborne Gardens) belonged to Kensington, 2 to Chelsea, 2 to Bethnal Green, 2 to Poplar, 2 to St. George Southwark, and 2 to Lambeth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1650 scarlet fever patients on Saturday last, against numbers increasing in the twenty-two preceding weeks from 559 to 1620; 132 cases were admitted to these hospitals during the week, against 204, 176, and 152 in the three preceding weeks. The deaths from *diphtheria*, which had been 38 and 30 in the two previous weeks, rose again last week to 33, and exceeded the corrected average by 12; 4 belonged to Pancras, 2 to Islington, 4 to Hackney, 2 to Shoreditch, 4 to Bethnal Green, and 2 to St. George in the East sanitary areas. The 44 fatal cases of whooping-cough showed an increase upon recent weekly numbers, and exceeded the corrected average by 6; 3 belonged to Pancras, 3 to St. George Southwark, 6 to Lambeth, 8 to Camberwell, and 5 to Greenwich sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 16 and 17 in the two preceding weeks, declined last week to 12, and were 2 below the corrected average; 7 were of infants under the age of one year.

The deaths referred to *enteric fever*, which had been 11, 20, and 22 in the three preceding weeks, declined again last week to 15, and were 7 below the corrected average; 2 belonged to Islington, 2 to Hackney, and 2 to Lambeth sanitary areas. The death of a child, aged 3 years, in Stepney, was indefinitely referred to "suppressed fever." The Metropolitan Asylum Hospitals contained 115 cases of enteric fever and 11 of typhus on Saturday last; 8 cases of enteric fever were admitted during the week, against 26, 16, and 7 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased from 281 to 328 in the five preceding weeks, further rose last week to 345, but were 118 below the corrected average.

Different forms of violence caused 53 deaths, concerning all of which inquests were held. Of these 53 deaths, 7 were cases of suicide and 2 of murder or manslaughter, while the remaining 44 were attributed to accident or negligence. Two of these were caused by vehicles in the streets, 6 by burns or scalds, 5 by drowning, one of a lead-pipe maker from lead-poisoning, and 14 (including 13 of infants under the age of one year) by suffocation.

GREATER LONDON.

In Greater London 3105 births and 1876 deaths were registered, corresponding to annual rates of 28·7 and 17·3 per 1000 of the estimated population. In the Outer Ring 9 deaths from diphtheria, 7 from scarlet fever, 6 from measles, and 6 from whooping-cough were registered. The fatal cases of measles included 4 in Walthamstow and 2 in Finchley sub-districts. Three deaths from scarlet fever and 3 from whooping-cough occurred in Croydon, and 2 from diphtheria in Tottenham sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·74 ins.; the lowest reading was 29·32 ins. on Monday morning, and the highest 30·12 ins. at the end of the week. The mean temperature of the *air* was 37·6, and 3°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Sunday and Monday, but was considerably below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 14·0 miles per hour, which was 1·6 miles above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·32 of an inch. The duration of registered bright sunshine in the week was 5·9 hours, against 13·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 30th November, 1889.

[illegible]

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-EIGHTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2530	2442	2508	2535	2423	2587	2656	2414	2599	2367	2732.8	2921
Males . .	1320	1256	1280	1315	1239	1327	1393	1242	1307	1180	1402.8	1202
Females . .	1210	1186	1228	1220	1184	1260	1258	1172	1292	1187	1330.0	1119
TOTAL Deaths	1802	1446	1460	1605	1655	1716	1544	1618	1705	1352	1734.2	1448
Males . .	893	733	734	863	839	864	815	812	846	685	881.6	729
Females . .	909	713	726	742	816	852	729	806	859	667	852.6	719

The numbers in this column are the average weekly numbers in the forty-eight weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.
TOTAL Births	2373	2432	2344	2504	2364	2595	2518	2580	2623	2658	2522	2517	2321
TOTAL Deaths	1170	1236	1267	1361	1381	1321	1410	1310	1317	1350	1451	1376	1448
Ages at Death													
{ 0–20 years	535	583	599	644	630	581	590	562	599	606	667	661	647
{ 20–40 "	151	164	157	186	201	187	209	163	200	181	188	176	184
{ 40–60 "	219	207	248	244	230	227	274	250	209	245	254	259	266
{ 60–80 "	216	233	216	245	261	263	272	283	253	265	265	225	292
{ at 80 years & upwds.	49	49	47	42	59	63	65	52	56	53	77	55	59
" { Under 1 year	306	313	392	386	376	321	320	276	323	310	343	335	333
" { 1–5	141	204	182	165	172	175	187	200	212	209	235	233	227
" { 5–20	88	66	85	93	82	85	83	86	64	87	89	93	87
Deaths from Small-pox	-	-	-	-	-	-	-	-	-	1	-	-	-
" " Measles	9	10	3	7	9	13	23	17	22	20	33	33	18
" " Scarlet fever	18	17	25	22	20	15	25	27	20	23	24	17	19
" " Diphtheria	30	41	44	44	45	35	41	37	31	23	38	30	33
" " Whooping-cough	28	18	26	23	14	14	26	22	21	24	37	31	44
" " Typhus	1	-	2	2	1	1	1	-	-	-	1	-	-
" " Enteric fever	21	19	11	19	19	16	11	21	19	11	20	22	15
" " Simple Cont ^a fever	1	2	1	1	2	-	2	1	-	-	-	2	1
" " Diarrhoea and Dysentery	68	68	73	80	52	28	22	15	17	17	16	17	12
" " Cholera	3	-	1	-	1	-	-	-	-	1	-	-	-
" " all the above-mentioned Diseases	179	175	184	198	162	122	151	141	130	120	169	152	142
" " Dis. of Respiratory System	142	152	142	189	225	264	300	281	300	318	321	328	345
" " Phthisis	134	137	157	146	148	129	184	141	125	141	154	169	183
" " Dis. of Circulatory System	95	102	110	112	123	127	115	115	104	122	121	113	126
Violent Deaths	47	49	54	62	62	50	57	49	59	51	65	57	53
Inquest Cases	86	101	96	119	119	99	112	101	123	97	122	114	113
Deaths in Public Institutions	327	316	324	336	335	314	332	319	309	313	363	314	336
TEMPERATURE OF THE AIR													
Mean	60.5	63.0	51.1	50.6	48.9	49.8	49.4	46.7	47.3	47.3	46.8	44.9	37.6
Mean of Highest readings	69.1	74.6	62.2	58.9	56.7	58.4	57.8	53.7	54.0	53.3	52.7	48.2	43.4
Mean of Lowest readings	55.2	53.8	41.6	42.9	43.8	42.6	41.6	41.5	41.4	40.8	41.0	41.3	32.0
Humidity of the Air	88	76	74	80	89	82	88	94	88	90	93	94	84
Rain-fall in inches	0.54	0.00	0.25	0.85	0.90	0.57	0.70	1.07	0.78	0.26	0.01	0.13	0.32
Registered Sunshine (in hours)	22.6	43.4	40.2	17.4	10.0	31.1	17.3	8.1	23.1	3.9	11.9	0.0	5.9

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glusker, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotham; W. Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-EIGHTH Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 48th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 30th November 1889.										CAUSES OF DEATH.		Corrected Averages for the 48th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 30th November 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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			ALL AGES.	0-1.	1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	0-1.				1-5.	5-20.	20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
ALL CAUSES - -		1734.2	1448	333	227	87	184	266	292	59	Diseases of Organs of Special Sense † - -	4.0	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE E. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																				
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of															Deaths in Public Institutions.	Unsettled Causes.
				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Deaths from														
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON	3,815,704	2321	1448	333	351	-	18	19	33	44	-	15	1	12	53	113	336			
WEST DISTRICTS	669,688	329	226	48	57	-	1	7	5	6	-	1	-	3	6	10	71			
NORTH DISTRICTS	905,947	521	315	76	86	-	3	2	12	6	-	6	-	1	10	27	57			
CENTRAL DISTRICTS	382,288	136	100	25	25	-	1	-	2	-	-	-	-	-	3	8	32			
EAST DISTRICTS	692,738	475	302	72	73	-	10	3	6	7	-	1	1	3	17	37	85			
SOUTH DISTRICTS	1,965,148	860	504	112	110	-	3	6	8	25	-	7	-	5	17	31	90			
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1			
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.	69688	34	28	11	10	-	-	-	-	2	1	-	-	-	1	-	2			
St. John Paddington H - - - G.J.	37380	9	16	4	5	-	-	-	-	-	-	1	-	-	1	2	7			
Kensington Town Ww - - - W.M.	120141	58	32	2	11	-	-	-	-	-	-	-	-	-	-	-	14			
Brompton H - - - W.M. & C.	43010	10	9	3	3	-	-	-	-	-	-	-	-	-	-	-	3			
St. Peter Hammersmith - - - W.M.	7899	4	2	-	1	-	-	-	-	-	2	-	-	-	-	-	4			
St. Paul Hammersmith H W.M. & G.J.	64340	61	22	8	3	-	-	6	-	1	-	-	-	1	-	1	13			
Fulham Ww - - - W.M. & C.	42900	41	34	6	5	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea South HHH - - - C.	30986	18	17	4	-	-	-	-	-	1	-	-	-	-	1	1	5			
Chelsea North-west WHHHHH - C.	24925	11	14	2	5	-	1	-	-	-	-	-	-	-	-	-	5			
Chelsea North-east - - - C.	32807	18	4	2	1	-	-	-	-	1	-	-	-	-	-	-	-			
May Fair WW - - - G.J.	20353	8	6	-	4	-	-	-	-	-	-	-	-	-	-	-	5			
Belgrave WHHH - - - C.	59220	13	17	2	3	-	-	1	1	-	-	-	-	-	2	2	9			
St. John Westminster HHH - C.	35496	5	11	3	1	-	-	-	1	-	-	-	-	-	-	-	1			
St. Margaret Westminster H - C.	24679	9	5	-	1	-	-	-	-	-	-	-	-	-	-	-	2			
St. James Westminster WHH N.R. & G.J.	29941	10	5	-	3	-	-	-	-	-	-	-	-	-	-	-	1			
St. Anne Soho HHHHHHH - N.R.	16608	10	4	1	1	-	-	-	-	-	-	-	-	-	-	-	1			
NORTH DISTRICTS.																				
All Souls Marylebone HHHHH - W.M.	26769	11	8	2	1	-	-	-	-	1	-	-	-	-	-	-	2			
Cavendish Square HHHH - - - W.M.	14891	3	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-			
Rectory Marylebone WH G.J. & W.M.	24809	14	8	3	3	-	-	-	-	-	-	1	-	-	-	-	3			
St. Mary Maryleb. HHH G.J. & W.M.	21118	28	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Christchurch Marylebone HHH - W.M.	33700	16	8	4	2	-	-	-	-	-	-	-	-	-	-	1	-			
St. John Marylebone H - - - W.M.	33638	11	6	2	2	-	-	-	-	-	-	-	-	-	-	1	-			
Hampstead Ww - - - H N.R. & W.M.	45452	25	19	6	5	-	-	-	1	-	1	-	-	-	1	4	2			
Regent's Park Pancras H - - W.M.	89115	23	14	7	-	-	2	-	-	2	-	-	-	-	-	1	-			
Tottenham-court WHHHH N.R. & W.M.	27729	17	19	2	6	-	1	-	1	1	-	-	-	-	2	2	6			
Gray's Inn Lane HHH - - - N.R.	30247	18	13	6	2	-	-	-	-	-	-	-	-	-	-	1	1			
Somers Town H - - - N.R.	84389	23	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-			
Camden Town WH - - - N.R.	17811	9	18	3	11	-	-	-	-	-	-	-	-	-	1	4	19			
Kentish Town W - - - N.R.	87487	47	24	6	5	-	-	-	1	-	-	-	-	-	-	1	4			
Upper Holloway WWwH - - - N.R.	67946	50	33	8	15	-	-	-	-	1	-	-	-	-	-	3	15			
Islington South-west HH - - - N.R.	100976	57	33	8	6	-	-	-	1	-	1	-	-	-	2	2	-			
Islington South-east - - - N.R.	61825	40	17	3	4	-	-	-	-	-	1	-	-	-	1	2	-			
Highbury H - - - N.R.	52048	23	14	3	2	-	-	-	-	2	-	-	-	-	-	-	1			
Stoke Newington H - - - N.R.	22781	13	6	-	-	-	-	-	-	-	-	-	-	-	1	2	-			
Stamford Hill - - - E.L.	9277	7	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-			
West Hackney H - - - N.R.	87610	25	13	4	4	-	-	-	1	-	-	-	-	-	1	1	-			
Hackney Ww - - - E.L. & N.R.	76911	51	32	3	14	-	-	1	6	-	-	1	-	-	-	-	11			
South Hackney - - - E.L.	39633	10	18	4	-	-	-	-	-	-	-	1	-	1	1	2	-			
CENTRAL DISTRICTS.																				
St. George Bloomsbury - - - N.R.	16631	4	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-			
St. Giles South WH - - - N.R.	14864	5	7	-	3	-	-	-	-	-	-	-	-	-	-	-	3			
St. Giles North - - - N.R.	18837	2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.	17509	5	4	1	-	-	-	-	-	1	-	-	-	-	-	-	3			
St. Mary-le-Strand H - - - N.R.	7515	2	3	2	1	-	-	-	-	-	-	-	-	-	1	1	-			
St. Clement Danes H - - - N.R.	8559	6	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2			
Strand Union Workhouse, Edmonton w.	-	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-	1			
St. Geo.-the-Martyr HHHHHH N.R.	18671	8	15	1	5	-	-	-	1	-	-	-	-	-	-	-	9			
St. Andrew Eastern W - - - N.R.	10706	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-	2			
Saffron Hill H - - - N.R.	6538	3	4	3	2	-	-	-	-	-	-	-	-	-	-	1	-			
St. James Clerkenwell - - - N.R.	17516	11	7	3	2	-	-	-	-	-	-	-	-	-	-	2	-			
Amwell Clerkenwell - - - N.R.	19281	10	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Pentonville - - - N.R.	14773	7	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
Goswell-street - - - N.R.	17506	13	8	2	-	-	1	-	-	-	-	-	-	-	-	-	-			
Old-street H - - - N.R.	11541	7	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - - - N.R.	18628	21	5	1	1	-	-	-	-	-	-	-	-	-	-	-	2			
Whitecross-street - - - N.R.	9217	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Finsbury - - - N.R.	7463	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			
Holborn Union Workhouse, Mitcham; w.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph H - - - N.R. & E.L.	11174	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cripplegate - - - N.R.	7193	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - - - N.R.	8358	3	13	2	3	-	-	-	-	-	-	-	-	-	1	2	10			
St. Bride W - - - N.R.	8396	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking - - - N.R.	18666	4	5	3	1	-	-	-	-	-	-	-	-	-	-	-	1			
Broad Street H - - - N.R.	6652	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L., East London and K., the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 30th November, 1889.

		The DEATHS registered in the Week include																	
REGISTRATION		Enu- merated Popu- lation, 1881.	Total BIRTHS.	Total DEATHS.	Deaths of														
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																			
Tolywell Shoreditch	N.R. & E.L.	7376	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Leonard Shoreditch	HL*	14967	12	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin New Town	-	29937	14	11	3	3	-	-	-	-	-	-	-	-	-	-	5	-	
St. Martin Old Town	-	28036	22	8	3	2	-	-	-	1	-	-	-	-	1	1	4	-	
St. Margaret WH	N.R. & E.L.	46275	29	18	8	5	-	1	-	2	-	-	-	-	1	-	-	-	
Bethnal Green North	H	51157	37	20	7	3	-	-	-	1	1	-	-	-	-	1	-	-	
Bethnal Green South	-	34399	24	10	2	2	-	3	-	-	-	-	-	-	-	1	-	-	
Bethnal Green East	WHL*	41403	26	19	1	6	-	2	1	2	-	-	-	-	-	1	9	-	
Spitalfields	-	22585	8	5	3	1	-	-	-	-	-	-	-	1	-	-	-	-	
Mile End New Town	W	15473	16	12	1	-	-	-	-	-	-	-	-	-	-	-	9	-	
Whitechapel Church	H	17490	11	19	-	2	-	-	-	1	-	-	-	-	1	1	19	-	
Goodman's Fields	-	9713	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Algate	-	6102	6	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	
St. George's North	-	38747	31	14	6	2	-	-	-	-	-	-	-	-	-	3	3	-	
St. John, St. George East	W	8410	7	11	4	4	-	-	-	-	-	-	-	-	-	3	7	-	
Shadwell	HH	10895	5	7	4	-	-	-	-	-	-	-	-	-	-	1	2	-	
Ratcliff	-	16107	10	4	1	1	-	-	-	-	-	-	-	-	-	1	2	-	
Limhouse	-	32041	19	14	3	1	-	1	-	-	1	-	1	1	-	2	-	1	
Mile End Old Town West	-	37960	34	10	4	2	-	-	-	-	-	-	-	-	-	1	3	-	
Mile End Old Town East	WHH-H	67653	44	32	5	10	-	3	-	-	2	-	-	-	-	1	6	1	
Row L*	-	37074	17	12	3	2	-	-	-	-	-	-	-	-	-	1	2	-	
Bromley	WHH-H	64359	55	60	12	12	-	-	-	-	-	-	-	-	-	5	13	-	
Poplar	WHH	56077	39	17	6	2	-	-	-	-	1	-	-	-	-	4	4	-	
SOUTH DISTRICTS.																			
Christchurch Southwark	WH	13663	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Saviour Southwark	-	14999	7	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kent-road	-	21311	12	11	2	2	-	-	1	-	2	-	-	-	-	2	1	-	
Borough-road	WH	15953	12	7	2	1	-	-	-	-	1	-	-	-	-	2	-	-	
London-road	HL	21318	13	10	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
Trinity Newington	-	26672	12	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
St. Peter Walworth	W	59555	35	13	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary Newington	-	21623	14	8	2	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Olave	WH	11956	11	16	2	3	-	1	-	1	-	-	-	-	3	3	11	-	
Leather Market	-	16300	14	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Mary Magdalene	W	15669	15	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-	
St. James Bermondsey	-	54682	30	12	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
Rotherhithe	WH	36024	17	21	8	7	-	-	-	1	-	-	-	-	-	-	-	-	
Waterloo-road 1st	H	51595	7	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Waterloo-road 2nd	H	16351	19	5	1	3	-	-	-	-	-	-	-	-	-	-	-	-	
Lambeth Church 1st	H	19876	7	19	2	3	-	-	1	3	1	-	-	-	4	-	13	-	
Lambeth Church 2nd	WH	39859	29	24	3	5	-	-	-	-	-	-	-	-	-	-	-	-	
Kennington 1st	-	45292	38	17	7	3	-	-	-	-	3	-	-	-	-	-	-	-	
Kennington 2nd	-	33832	20	9	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
Brixton	WH	62637	35	17	1	6	-	-	-	-	-	-	-	-	-	-	-	-	
Norwood	W	19017	7	6	1	2	-	-	-	-	1	-	-	-	-	-	-	-	
East Battersea	-	54675	44	18	4	5	-	-	1	-	1	-	-	-	1	1	-	-	
West Battersea	WHH	52587	56	25	6	3	-	-	-	-	-	-	-	-	2	4	6	-	
Clapham	H	36820	18	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
Wandsworth	WHL	28004	34	14	5	2	-	-	-	1	1	-	1	-	-	-	2	-	
Putney	-	13235	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streatham	-	25553	22	8	-	4	-	-	-	-	-	-	-	-	1	1	-	1	
Dulwich	-	5590	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Camberwell	WHL*	59104	49	27	5	6	-	-	-	-	-	-	-	-	1	-	7	1	
Peckham	W	71089	39	31	11	7	-	-	-	-	6	-	-	-	-	1	-	-	
St. George Camberwell	-	60810	41	19	9	2	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Deptford	WH	76752	62	24	9	2	-	1	-	1	-	2	-	-	-	-	3	-	
St. Nicholas Deptford	-	7901	8	8	2	-	-	-	-	-	2	-	-	-	-	-	-	-	
Greenwich West	H	21973	15	7	-	-	-	-	-	-	-	1	-	-	-	-	1	1	
Greenwich East	WHH	24603	18	22	3	4	-	-	-	-	2	-	-	-	1	1	2	14	
Eltham	H	5048	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lee	H	21559	5	5	-	2	-	-	-	-	-	-	-	-	-	-	2	1	
Lewisham	WH	18965	21	10	1	3	-	-	-	-	-	-	-	-	1	1	3	-	
Sydenham	H	26076	15	7	2	3	-	-	-	-	-	-	-	-	-	-	-	-	
Charlton	HH	10930	7	6	1	3	-	-	-	-	-	-	-	-	-	-	2	-	
Woolwich Dockyard	-	17617	7	5	3	-	-	-	-	-	1	-	-	-	-	-	-	-	
Woolwich Arsenal	HH	19045	11	9	2	1	-	-	-	-	-	-	-	-	1	1	-	-	
Plumstead	WH	14009	4	4	2	-	-	-	-	-	-	-	-	-	1	-	3	5	
Plumstead East	W	19241	24	20	6	3	-	-	-	1	-	-	1	-	2	3	-	-	
Metropolitan Asylum Hospitals:																			
Dartford	W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winchmore Hill	WH	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
Plaistow	WH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

The following Workhouse Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by W:-

Marlybone Infirmary in Kensington Town sub-district.
General London Sick Asylum in Tottenham Court-road sub-district.
Holborn Infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Holborn " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-district.
London City " in Mile End Old Town Eastern sub-district.
" in Bromley sub-district.

Stepney Workhouse in Bromley sub-district.
Poniar & Stepney Sick Asylum " in West Battersea sub-district.
Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

* Private Lunatic Asylums in which papers are received.

† On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 30th November, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include												
						Deaths of		Deaths from										
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	
LONDON—OUTER RING		370,924	950,957	784	423	117	102	-	6	7	9	6	4	2	12	21	40	
30: 1	Carshalton <i>wL</i>	12238	21118	17	6	3	1	-	-	-	-	-	-	-	-	-	1	
2	Epsom (<i>part of</i>) * <i>WwH</i>	9971	10710	9	1	1	-	-	-	-	-	-	-	-	-	-	-	
37: 1	Godstone (<i>part of</i>) *	2754	1235	2	1	-	-	-	-	-	-	-	-	-	-	-	-	
38: 1	Croydon <i>WwFHH</i>	20651	101241	72	38	11	7	-	-	3	1	3	1	1	-	-	4	
2	Mitcham <i>w†</i>	11697	17932	19	4	1	-	-	-	-	1	-	-	-	-	-	-	
39: 1	Wimbledon <i>HHH</i>	3220	15950	13	7	1	2	-	-	-	1	-	-	-	-	-	1	
2	Kingston <i>WHH</i>	8549	38354	21	17	3	8	-	-	-	-	-	-	1	-	-	6	
3	Esher (<i>part of</i>) *	6601	9231	5	1	1	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i>	4573	13539	10	12	-	4	-	-	-	-	-	-	-	2	3	-	
40: 1	Richmond <i>WH</i>	2272	21302	12	11	2	5	-	-	-	-	-	1	-	1	1	1	
2	Mortlake	2941	12331	8	2	1	-	-	-	-	-	-	-	-	-	-	-	
41: 1	Bromley (<i>pt. of</i>) * <i>HH</i>	15669	81142	21	8	1	1	-	-	-	-	-	-	-	-	-	-	
2	Chislehurst(<i>pt.of</i>) * <i>WHH</i>	14307	15844	9	7	1	3	-	-	-	1	-	-	-	-	-	3	
42: 1	Bexley <i>H</i>	18437	24134	11	11	2	5	-	-	1	-	1	-	-	-	-	-	
2	Dartford (<i>Ww, pts. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124: 1	Sunbury <i>w</i>	11055	11633	7	3	1	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i>	13277	12039	4	7	1	1	-	-	-	-	-	-	-	-	-	1	
125: 1	Hillingdon <i>WHH</i>	6029	10802	7	9	2	4	-	-	1	-	-	-	-	-	-	3	
2	Uxbridge	6178	3225	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i>	14537	11523	9	11	-	6	-	-	-	-	-	-	-	1	1	7	
126: 1	Isleworth <i>WHH</i>	7008	22727	19	5	1	3	-	-	-	-	-	-	-	1	1	1	
2	Twickenham <i>H</i>	2477	12479	9	4	-	2	-	-	-	-	-	-	-	1	1	1	
3	Brentford <i>HL</i>	4345	27649	20	12	2	3	-	-	-	-	-	-	-	-	-	-	
4	Chiswick	1340	15975	14	6	1	-	-	-	1	-	-	-	-	-	1	-	
5	Acton <i>wH</i>	6033	22376	13	14	5	5	-	-	-	-	1	-	-	-	1	-	
127: 1	Harrow <i>H</i>	13800	12796	10	3	1	1	-	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i>	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden	4383	27453	38	17	6	4	-	-	-	-	-	-	-	-	2	-	
4	Hendon <i>W</i>	8332	10434	6	3	1	-	-	-	-	-	-	-	-	-	-	-	
137: 1	Bushey	9331	6621	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138: 1	South Mimms	15599	6391	7	4	1	1	-	-	-	-	-	-	-	-	-	-	
2	Barnet	5433	10092	14	3	1	1	-	-	-	-	-	-	-	1	2	-	
3	Finchley <i>HL</i>	4688	17615	15	10	3	4	-	2	-	-	-	-	-	-	-	4	
135: 1	Hatfield (<i>part of</i>) *	3806	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129: 1	Hornsey <i>H</i>	3039	37078	23	9	5	-	-	-	-	1	-	-	-	-	-	-	
2	Tottenham <i>H</i>	4642	46456	57	29	11	5	-	-	-	2	-	1	-	1	2	1	
3	Edmonton <i>Ww†</i>	7433	23463	16	10	2	2	-	-	-	-	-	-	-	-	-	-	
4	Enfield <i>WH</i>	12653	19104	17	9	4	2	-	-	-	1	-	-	-	-	1	1	
5	Waltham Abbey	11017	5343	2	3	1	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt	8490	7735	1	5	1	2	-	-	-	-	-	-	-	1	1	-	
136: 1	Stratford	882	38606	37	17	4	6	-	-	-	-	-	-	-	-	-	-	
2	West Ham <i>wowwH†</i>	7351	101053	114	71	25	9	-	-	-	1	1	1	-	2	4	-	
3	Leyton <i>WwL</i>	4572	32430	41	13	3	3	-	-	-	-	-	-	-	1	1	4	
4	Walthamstow <i>H</i>	6520	28869	27	17	5	-	-	4	1	-	-	-	-	-	-	-	
137: 1	Chigwell (<i>part of</i>) * <i>H</i>	11761	9639	10	2	1	1	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139: 1	Romford (<i>part of</i>) * <i>W</i>	6730	3411	1	1	-	-	-	-	-	-	-	-	-	-	-	1	
2	Ilford	8493	7645	6	3	-	1	-	-	-	-	-	-	-	-	-	-	
3	Barking Town	4127	9203	8	2	1	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 38: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 247); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouses (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th November, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											Deaths in Public Institutions.
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.		
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16	
ATER LONDON	448,334	5,642,015	17·3	1·6	1876	450	453	-	24	26	42	50	20	14	65	376	
CNER LONDON -	77,410	4,351,738	17·4	1·7	1448	333	351	-	18	19	33	44	16	12	53	336	
UTER RING -	370,924	1,290,277	17·3	1·4	428	117	102	-	6	7	9	6	4	2	12	40	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
CUTTACK - -	433,219	October 5	-	206	24·8	-	1	-	1	-	61	33†	
CALCUTTA - -	778,196	" 29	355	337	22·1	-	-	?	?	?	117	37†	
MADRAS - -	398,777	" 11	332	321	41·7	-	7	?	?	?	89	57†	
BOMBAY - -	2,260,945	November 23	1036	968	22·3	1	13	3	32*	10	18	69	
COCHIN (8 Faubourgs.)	471,606	" 23	144	137	15·1	-	-	-	-	5	-	8	
AMSTERDAM -	403,083	" 23	264	157	20·4	-	5	1	-	1	1	-	
ROTTERDAM -	197,723	" 23	123	81	21·1	-	1	-	-	-	2	-	
BRUSSELS IN HAGUE -	153,440	" 23	97	41	13·9	-	-	-	1	1	-	-	
COPENHAGEN -	307,000	" 23	212	108	18·4	-	-	2	4	3	2	4	
STOCKHOLM -	228,218	" 16	138	89	20·3	-	-	3	5*	1	-	6	
CHRISTIANIA -	138,300	" 23	75	62	23·3	-	4	-	7	2	-	3	
PETERSBURG	842,883	" 9	-	394	24·4	1	16	9	7	5	12	36	
BERLIN - -	1,489,672	" 9	842	522	17·9	-	2	5	20	5	2	45	
LEIPZIG (State)	575,276	" 16	386	207	18·8	-	-	3	8*	2	7	11	
DRESDEN - -	264,196	" 16	134	95	18·7	?	4	-	9*	?	-	4	
BRISLAU - -	315,000	" 23	224	152	25·2	-	1	-	9*	1	-	9	
PRAGUE - -	281,000	" 16	201	119	22·1	-	1	-	7*	2	-	14	
VENICE - -	311,434	" 16	527	317	20·3	-	11	1	5	1	-	9	
PARIS - -	304,356	" 16	-	140	24·0	1	1	6	2	-	3	2	
BUDA-PESTH -	452,807	" 16	313	215	24·7	-	1	-	13	-	7	22	
VIENNA - -	158,084	" 16	-	72	23·7	1	-	-	1	-	-	3	
ROME - -	407,936	September 28	-	-	-	-	-	-	-	-	-	-	
PARIS (11 days)-	306,393	October 31	224	177	19·2	-	3	1	5	2	7	17	
GENOA - -	154,369	November 16	72	75	25·3	13	-	-	1	-	1	4	
LIVORNO - -	374,388	" 7	499	358	40·8	-	-	-	5*	-	22	123	
ALEXANDRIA -	231,396	" 7	228	186	41·9	2	-	-	-	-	7	60	
NEW YORK -	1,571,300	" 9	-	615	20·4	-	4	2	15	5	8	8	
BOSTON - -	834,607	" 9	-	267	16·5	-	-	4	21	1	6	3	
PHILADELPHIA -	1,040,245	" 9	-	359	18·0	-	-	3	8	-	8	1	
BALTIMORE -	500,343	" 9	-	143	14·9	-	-	1	6	-	3	6	

* Including deaths from croup.

† Including 4 deaths from cholera in Calcutta, Bombay, and Madras, respectively.

1889.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, NOVEMBER 30TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

[Under the Superintendence of the Astronomer Royal.]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1889. MONTH AND DAY.		Phases of the Moon.	TEMPERATURE.						TEMPERATURE.						Wind as deduced from Anemometers.				Rain collected in a Gauge whose receiving surface is 5 inches above the level of Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Of the Air.			Of the Dew Point.			Difference between the Air Temperature and Dew Point Temperature.			Degree of Hu- midity radiation equals (100).			Of the Water of the Thames at Deptford.			Oiler's.		Pressure on the Square Foot.		Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			High- est.	Low- est.	Daily Range.	Mean daily value.	De- parture from Average of 30 years.	Mean daily value.	Great- est.	Least.	High- est in Sun's Rays.	Low- est.	High- est.	Low- est.	A.M.	P.M.	Great- est.	Least.		Mean of 24 hoursly Obs.	Horizontal Movement of the Air on each Day.	Depart- ure from Average of 16 Years.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NOVEMBER.		24	25	26	27	28	29	30	MEANS	PERIGEE.	GREATEST DEC. S.	FIRST Qr.	

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Horizon, in hours.		GENERAL REMARKS.									
		SUNSHINE, in hours.	HORIZON, in hours.										
NOVEMBER.													
SUNDAY	24	0.0	8.4	Variable in early morning; generally overcast afterwards, with occasional rain.									
MONDAY	25	3.1	8.3	Overcast with rain in morning; fine afterwards with light clouds till evening; cloudless at night.									
TUESDAY	26	2.1	8.3	Fine. Cloudless in morning; variable amounts of cloud till evening; cloudless at night. A heavy shower of rain and sleet between 21. P.M. and 23. P.M.									
WEDNESDAY	27	0.0	8.2	Cloudless with hoar frost in morning; overcast till evening with occasional slight snow; cloudless with lightning at night.									
THURSDAY	28	0.7	8.2	Fine. Cloudless in morning; variable clouds till evening; cloudless at night.									
FRIDAY	29	0.0	8.2	Cloudless in early morning; generally overcast afterwards.									
SATURDAY	30	0.0	8.1	Overcast till afternoon; generally cloudless with hoar frost at night.									
Sum		5.4	57.7										

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometers, combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

— *Lower*, the average. In reading the averages. The thermometers in the water of the Tians are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable. The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight. The reading of the barometer decreased from 30.01 in. at the beginning of the week to 29.38 in. by 9h. A.M. on the 25th; increased to 29.56 in. by 9h. P.M. on the same day; decreased to 29.45 in. by 9h. P.M. on the 26th; increased to 30.08 in. by 9h. P.M. on the 27th; decreased to 29.45 in. by 9h. P.M. on the 28th; increased to 30.13 in. by the end of the week.

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 49. 1889. VOL. L.] WEEK ENDING SATURDAY, DECEMBER 7. [Price 1½d.

*General Register Office, Somerset House,
9th December, 1889.*

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.		Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.
Birkenhead	11·7	16·3	15·8	14·2	Liverpool -	19·4	18·5	22·1	23·0
Birmingham	16·9	18·0	18·0	18·9	London -	17·4	16·5	17·4	20·2
Blackburn -	19·8	21·5	17·2	25·0	Manchester -	26·7	24·7	27·4	27·3
Bolton -	23·2	20·9	24·6	19·1	Newcastle-on-Tyne*	24·6	26·9	21·7	22·4
Bradford*	24·4	23·8	20·0	24·2	Norwich -	13·8	17·1	11·6	23·2
Brighton -	19·3	8·6	15·0	16·7	Nottingham -	13·2	16·9	16·0	17·3
Bristol -	12·1	18·2	16·6	19·8	Oldham -	15·8	15·4	19·1	19·1
Cardiff*	15·3	10·6	19·0	25·5	Plymouth -	23·3	30·7	32·0	36·7
Derby -	13·2	12·7	19·1	30·7	Portsmouth -	14·0	19·6	13·7	19·2
Halifax -	17·4	21·9	23·2	24·5	Preston -	28·5	23·0	19·0	26·5
Huddersfield	17·4	20·2	14·1	29·8	Salford*	22·0	18·0	17·8	21·6
Hull -	13·0	20·1	25·1	26·8	Sheffield -	18·7	18·2	20·4	21·2
Leeds -	19·9	22·6	22·5	25·4	Sunderland -	26·8	26·0	30·3	21·8
Leicester*	17·3	16·6	14·6	18·0	Wolverhampton -	15·2	20·2	23·4	28·4

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton, 1·5 in Nottingham, 1·6 in Sunderland, and 1·7 in Norwich; from *scarlet fever*, 2·2 in Blackburn and 5·3 in Plymouth; from *whooping-cough*, 1·3 in Wolverhampton and 2·3 in Hull and in Bolton; and from "*fever*," 1·0 in Preston and in Birkenhead and 1·3 in Halifax. The 67 deaths from *diphtheria* in the twenty-eight towns included 47 in London, 5 in Salford, 2 in Liverpool, 2 in Preston, 2 in Sheffield, and 2 in Newcastle-upon-Tyne. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2270 BIRTHS and 1683 DEATHS were registered. Allowing for increase of population, the births were 423, and the deaths 75, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·5 and 17·4 in the two preceding weeks, further rose last week to 20·2. During the first ten weeks of the current quarter the death-rate averaged 16·9 per 1000, and was 3·1 below the mean rate in the corresponding periods of the ten years 1879-88.

The 1683 deaths included 41 from measles, 24 from scarlet fever, 47 from diphtheria, 47 from whooping-cough, 8 from enteric fever, 2 from ill-defined forms

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford and Bradford are under-stated and those for Newcastle-upon-Tyne and Cardiff over-stated.

of continued fever, 12 from diarrhœa and dysentery, and not one from small-pox, typhus, or cholera; thus, 181 deaths were referred to these diseases, being 51 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; only one case of this disease was under treatment on Saturday last in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The fatal cases of *measles* rose last week to 41 from 33 and 18 in the two previous weeks, but were 27 below the average; 5 belonged to Chelsea, 5 to St. Luke, 3 to Bethnal Green, 4 to Whitechapel, 3 to Stepney, and 5 to Mile End Old Town sanitary areas. The 24 deaths from *scarlet fever* showed a further increase upon the low numbers in the two previous weeks, but were 22 below the average; 2 belonged to Shoreditch, 4 to Bethnal Green, 2 to Lambeth, and 2 to Wandsworth sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1663 scarlet fever patients on Saturday last, against numbers increasing in the twenty-three preceding weeks from 559 to 1650; 154 cases were admitted to these hospitals during the week, against 152 and 132 in the two preceding weeks. The deaths from *diphtheria*, which had been 38, 30, and 33 in the three previous weeks, rose last week to 47, and exceeded the corrected average by 23; 2 belonged to Hammersmith, 7 to Pancras, 2 to Islington, 3 to Hackney, 2 to Shoreditch, 3 to Bethnal Green, 3 to St. George in the East, 2 to Stepney, 2 to Poplar, 2 to Rotherhithe, 3 to Wandsworth, 3 to Camberwell, 2 to Greenwich, and 2 to Plumstead sanitary areas. The 47 fatal cases of whooping-cough showed a further increase upon recent weekly numbers, and exceeded the corrected average by 2; 3 belonged to Bethnal Green, 3 to Stepney, 7 to Lambeth, 6 to Camberwell, and 3 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 17 and 12 in the two preceding weeks, were again 12 last week, and were 4 below the corrected average; 6 were of children aged under five years, and 6 of persons aged upwards of 60 years.

The deaths referred to *enteric fever*, which had been 22 and 15 in the two preceding weeks, further declined last week to 8, and were 13 below the corrected average; 2 belonged to Pancras and 2 to Hackney sanitary areas. The deaths of two children, aged 3 and 4 years, were indefinitely referred to "febricula." The Metropolitan Asylum Hospitals contained 123 cases of enteric fever and 10 of typhus on Saturday last; 11 cases of enteric fever were admitted during the week against 7 and 8 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the six preceding weeks from 281 to 345, further rose last week to 432, but were 33 below the corrected average.

Different forms of violence caused 56 deaths, concerning all of which inquests were held. Of these 56 deaths, 4 were cases of suicide and 1 of "excusable homicide," while the remaining 51 were attributed to accident or negligence. Four of these were caused by vehicles in the streets, 12 by burns or scalds, 3 by drowning, and 19 (including 15 of infants aged under one year) by suffocation.

GREATER LONDON.

In Greater London 3052 births and 2158 deaths were registered, corresponding to annual rates of 28·2 and 20·0 per 1000 of the estimated population. In the Outer Ring 12 deaths from whooping-cough, 11 from diphtheria, 10 from measles, and 7 from scarlet fever were registered. The 11 fatal cases of diphtheria included 3 in Tottenham, 2 in Uxbridge, and 2 in Acton sub-districts. Of the 10 deaths from measles, 5 occurred in Walthamstow and 2 in Croydon sub-districts; and scarlet fever caused 2 deaths in West Ham and 2 in Leyton sub-districts.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·26 ins.; the highest reading was 30·46 ins. on Thursday evening, and the lowest 29·89 ins. on Saturday afternoon. The mean temperature of the *air* was 32·1, and 10·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest days being Monday and Tuesday. The general direction of the *wind* was easterly, and the horizontal movement of the air averaged 6·5 miles per hour, which was 6·1 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·23 of an inch. The duration of registered bright sunshine in the week was 8·4 hours, against 10·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 7th December, 1889.

CITIES AND BOROUGHS.	POPULATION estimated to the middle of the Year 1889.	Registered during the Week ending 7th Dec., 1889.		The DEATHS registered in the Week include										TEMPERATURE OF THE AIR.						RAINFALL.		CITIES AND BOROUGHS.	
		BIRTHS.	DEATHS.	Deaths from										Annual Rate corresponding to the Week's Deaths						In Inches.	In Cent.		
				Deaths of										Mean.									
				Deaths from										Annual Rate corresponding to the Week's Deaths									
				Deaths from										Annual Rate corresponding to the Week's Deaths									
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TABLE 2. LONDON.—Births and Deaths Registered in the FORTY-NINTH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2470	2461	2380	2520	2346	2385	2504	2485	2497	2644	2692·6	2270
Males . .	1280	1271	1200	1310	1237	1232	1257	1270	1237	1367	1375·2	1139
Females .	1240	1190	1180	1210	1109	1153	1247	1215	1260	1277	1317·4	1131
TOTAL Deaths	1888	1398	1521	1669	1628	1764	1474	1738	1577	1461	1757·6	1683
Males . .	992	744	784	818	819	817	741	906	781	792	893·5	880
Females .	896	654	737	851	809	947	733	832	796	669	864·1	863

The numbers in this column are the average weekly numbers in the forty-ninth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.
TOTAL Births - -	2432	2344	2504	2364	2595	2518	2580	2623	2658	2522	2517	2321	2270
TOTAL Deaths - -	1236	1267	1361	1381	1321	1410	1310	1317	1350	1451	1375	1448	1683
Ages at { 0–20 years -	583	599	644	630	581	590	562	599	606	667	660	647	713
" { 20–40 " -	164	157	186	201	187	209	163	200	181	188	176	184	196
" { 40–60 " -	207	248	244	230	227	274	250	209	245	254	259	266	294
Death { 60–80 " -	233	216	245	261	263	272	283	253	265	265	222	292	392
" { at 80 years & upwds. -	49	47	42	59	63	65	52	56	53	77	55	59	88
" { Under 1 year -	313	332	386	376	321	320	276	323	310	343	335	333	353
" { 1–5 -	204	182	165	172	175	187	200	212	209	235	233	227	265
" { 5–20 -	66	85	93	82	85	83	86	64	87	89	93	87	95
Deaths from Small-pox -	-	-	-	-	-	-	-	-	1	-	-	-	-
" " Measles -	10	3	7	9	13	23	17	22	20	33	33	18	41
" " Scarlet fever -	17	25	22	20	15	25	27	20	23	24	17	19	24
" " Diphtheria -	41	44	44	45	35	41	37	31	23	38	30	33	47
" " Whooping-cough -	18	16	23	14	14	26	22	21	24	37	31	44	47
" " Typhus -	-	-	2	-	1	1	1	-	-	1	-	-	-
" " Enteric fever -	19	11	19	19	16	11	21	19	11	20	22	15	8
" " Simple Cont ^d fever -	2	1	1	2	-	2	1	-	-	-	2	1	2
" " Diarrhœa and } -	68	73	80	52	28	22	15	17	17	16	17	12	12
" " Dysentery - } -	-	1	-	1	-	-	-	-	1	-	-	-	-
" " Cholera -	-	1	-	1	-	-	-	-	1	-	-	-	-
" " all the above- } -	175	184	198	162	122	151	141	130	120	169	152	142	181
" " mentioned Diseases } -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Dis. of Respira- } -	152	142	189	225	264	300	281	300	318	321	328	345	432
" " tory System - } -	-	-	-	-	-	-	-	-	-	-	-	-	-
" " Phthisis -	137	157	146	148	129	184	141	125	141	154	169	183	161
" " Dis. of Circula- } -	102	110	112	123	127	115	115	104	122	121	113	126	165
" " tory System - } -	-	-	-	-	-	-	-	-	-	-	-	-	-
Violent Deaths - -	49	54	62	62	50	57	49	59	51	65	57	53	56
Inquest Cases - -	101	96	119	119	99	112	101	123	97	122	114	113	126
Deaths in Public Institutions -	316	324	336	335	314	332	319	309	313	363	314	336	358
TEMPERATURE OF THE AIR -	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean -	63·0	51·1	50·6	48·9	49·8	49·4	46·7	47·3	47·3	46·8	44·9	37·6	32·1
Mean of Highest readings -	74·6	62·2	58·9	56·7	58·4	57·8	53·7	54·0	53·3	52·7	48·2	43·4	35·8
Mean of Lowest readings -	53·8	41·6	42·9	43·8	42·6	41·6	41·5	41·4	40·8	41·0	41·3	32·0	27·8
Humidity of the Air - -	76	74	80	89	82	88	94	88	90	93	94	84	85
Rain-fall in inches - -	0·00	0·55	0·85	0·90	0·57	0·70	1·07	0·78	0·26	0·01	0·13	0·32	0·23
Registered Sunshine (in hours) -	48·4	40·2	17·4	10·0	31·1	17·3	8·1	23·1	3·9	11·9	0·0	5·9	8·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nettingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeadsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-NINTH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 49th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 7th December 1889.										CAUSES OF DEATH.	Corrected Averages for the 49th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 7th December 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-5.	5-20.						0-1.							1-5.	5-20.				
ALL CAUSES - -	1757.6	1683	353	265	95	193	294	392	83	Diseases of Organs of Special Sense † - -	2.7	1	-	-	-	1	-	-	-				
Small-pox { Vaccinated; - - - - - } { Unvaccinated } { No Statement }	9.2	-	-	-	-	-	-	-	-	Diseases of Circulatory System - - - - -	127.0	165	1	1	7	23	49	75	9				
Measles - - - - -	68.1	41	7	30	4	-	-	-	-	Croup - - - - -	15.8	14	1	7	6	-	-	-	-				
Scarlet Fever - - -	46.1	24	2	19	2	1	-	-	-	Bronchitis - - - - -	290.4	286	78	52	2	9	39	87	19				
Typhus - - - - -	0.9	-	-	-	-	-	-	-	-	Pneumonia - - - - -	111.1	104	33	31	5	11	9	14	1				
Relapsing Fever † -	0.0	1	-	-	-	1	-	-	-	Pleurisy - - - - -	6.1	4	-	-	-	-	-	-	-				
Influenza - - - - -	0.1	-	-	-	-	-	-	-	-	Other Diseases of Respiratory System - - - }	42.0	24	6	4	1	1	3	9	-				
Whooping-cough - -	44.7	47	18	27	2	-	-	-	-	Dentition † - - - - -	10.8	6	4	2	-	-	-	-	-				
Diphtheria - - - - -	23.6	47	3	31	11	2	-	-	-	Quinsy, Sore Throat †	2.2	4	-	2	1	1	-	-	-				
Simple Continued and Ill-defined Fever - }	2.4	2	-	2	-	-	-	-	-	Enteritis - - - - -	6.9	7	2	-	1	1	-	3	-				
Enteric Fever - - -	21.4	8	-	-	5	2	1	-	-	Peritonitis - - - - -	9.1	7	-	-	3	2	-	-	-				
Cholera - - - - -	0.4	-	-	-	-	-	-	-	-	Diseases of Liver - - -	33.3	38	3	-	-	9	12	14	-				
Diarrhoea, Dysentery	15.6	12	4	2	-	-	-	3	3	Other Diseases of Digestive System - }	29.6	23	2	-	-	5	8	7	1				
Remittent Fever † -	0.0	-	-	-	-	-	-	-	-	Diseases of Lymphatic System & of Ductless Glands † - - - }	2.3	4	-	-	1	2	-	1	-				
Hydrophobia - - -	0.3	-	-	-	-	-	-	-	-	Diseases of Urinary System - - - - -	40.2	44	-	-	1	4	16	23	-				
Glanders - - - - -	0.0	-	-	-	-	-	-	-	-	Diseases of Generative System - - - - -	5.9	8	-	-	-	2	5	1	-				
Cowpox and Effects of Vaccination † - }	0.2	-	-	-	-	-	-	-	-	Accidents of Childbirth -	3.7	3	-	-	-	3	-	-	-				
Veneral Affections -	11.0	9	5	2	-	-	2	-	-	Diseases of Locomotive System † - - - -	8.5	8	-	-	3	-	2	3	-				
Erysipelas - - - -	9.7	6	3	-	-	-	2	1	-	Diseases of Integumentary System - - - }	5.9	5	3	-	-	-	-	-	2				
Pæmia and Septicæmia †	3.3	1	-	1	-	-	-	-	-	(VIOLENT DEATHS.)													
Puerperal Fever - -	7.4	7	-	-	-	7	-	-	-	(ACCIDENT.)	18.3	15	-	1	2	3	7	2	-				
Other Zymotic Diseases †	2.6	4	-	2	1	1	-	-	-	Fracture and Contusion	0.2	-	-	-	-	-	-	-	-				
Thrush - - - - -	2.5	2	2	-	-	-	-	-	-	Gunshot Wound - - -	0.9	-	-	-	-	-	1	-	-				
Worms and other Parasitical Diseases - }	0.3	1	-	-	-	1	-	-	-	Cut, Scab - - - - -	7.1	12	-	6	3	1	-	1	1				
Starvation, Want of Breast-milk † - }	1.4	1	1	-	-	-	-	-	-	Burn and Scald - - -	1.6	-	-	-	-	-	-	-	-				
Alcoholism - - - -	4.0	5	-	-	-	4	1	-	-	Poison - - - - -	4.7	3	-	-	1	2	-	-	-				
Rheumatic Fever, } Rheumatism of Heart, }	8.7	5	-	-	2	1	2	-	-	Suffocation - - - - -	15.3	19	15	1	1	-	1	1	-				
Rheumatism † - - -	2.7	2	-	-	-	-	2	-	-	Otherwise - - - - -	2.2	1	-	-	-	1	-	-	-				
Gout - - - - -	3.7	7	-	-	-	-	5	2	-	(HOMICIDE.)	2.1	1	-	-	-	1	-	-	-				
Eilekts † - - - -	3.5	3	2	1	-	-	-	-	-	(SUICIDE.)	0.5	-	-	-	-	-	-	-	-				
Cancer - - - - -	52.2	56	-	-	1	1	29	21	4	Gunshot Wound - - -	1.5	1	-	-	-	1	-	-	-				
Tabs Mesenterica -	21.8	19	8	6	3	2	-	-	-	Cut, Scab - - - - -	1.3	1	-	-	-	1	-	-	-				
Tubercular Meningitis	26.2	20	8	8	4	-	-	-	-	Poison - - - - -	0.4	1	-	-	-	1	-	-	-				
Phthisis - - - - -	170.4	161	3	5	11	63	63	11	-	Hanging - - - - -	1.1	-	-	-	-	-	-	1	-				
Scrofula, Tuberculosis	15.3	20	7	3	4	3	3	-	-	Otherwise - - - - -	0.3	1	-	-	-	-	-	-	-				
Other Constitutional Diseases † - - }	9.0	12	-	-	1	5	1	4	1	(EXECUTION.)	0.1	-	-	-	-	-	-	-	-				
Premature Birth - - -	38.7	35	35	-	-	-	-	-	-	OTHER CAUSES † - -	59.7	52	45	5	-	-	-	1	1				
Atelectasis † - - -	4.0	2	2	-	-	-	-	-	-														
Congenital Malformations - }	7.7	5	5	-	-	-	-	-	-														
Old Age - - - - -	54.8	65	-	-	-	-	-	30	35														
Apoplexy - - - - -	48.5	61	2	-	-	4	16	37	2														
Epilepsy - - - - -	6.3	8	-	-	-	5	1	2	-														
Convulsions - - - -	49.5	34	31	3	-	-	-	-	-														
Other Diseases of Brain and Nervous System }	87.0	87	12	11	5	6	12	33	8														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

		The DEATHS registered in the Week include																		
REGISTRATION SUB-DISTRICTS.		Enu- me- rated Popu- lation, 1881.	Total Births	Total DEATHS.		Deaths from												Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.					
LONDON		3,815,704	2270	1683	353	480	-	41	24	47	47	-	8	2	12	56	126	358	1	
WEST DISTRICTS		689,633	330	301	55	89	-	7	4	3	9	-	-	-	3	10	19	70	2	
NORTH DISTRICTS		905,947	507	374	65	119	-	4	6	15	2	-	4	1	5	14	36	74	-	
CENTRAL DISTRICTS		282,238	116	100	15	25	-	6	-	4	2	-	2	-	-	2	7	23	-	
EAST DISTRICTS		692,738	461	353	78	86	-	18	4	10	13	-	-	-	3	16	35	94	2	
SOUTH DISTRICTS		1,365,148	856	554	140	161	-	6	9	15	21	-	2	1	1	14	29	96	9	
METROPOLITAN ASYLUM Hos- PITALS OUTSIDE REGISTRATION LONDON		-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	
WEST DISTRICTS.																				
St. Mary Paddington WHH G.J. & W.M.		69888	49	32	4	11	-	1	-	-	1	-	-	-	-	2	2	5	-	
St. John Paddington H - G.J.		37339	9	8	-	2	-	-	-	-	-	-	-	-	-	-	4	3	-	
Kensington Town Ww - W.M.		120141	52	56	11	21	-	-	-	-	2	-	-	-	-	-	2	11	-	
Brompton H - W.M. & C.		49010	15	6	1	1	-	-	-	-	-	-	-	-	-	-	1	2	-	
St. Peter Hammersmith - W.M.		7599	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.		64340	43	47	11	12	-	-	1	2	2	-	-	-	1	4	5	4	-	
Fulham Ww - W.M. & C.		42900	46	32	12	5	-	-	2	-	1	-	-	-	-	-	-	5	-	
Chelsea South HHH - C.		30396	7	15	2	3	-	5	-	-	-	-	-	-	1	-	-	4	-	
Chelsea North-west WHHHHH - C.		24925	8	15	2	4	-	-	1	-	-	-	-	-	-	-	1	7	-	
Chelsea North-east - C.		32907	20	10	2	3	-	-	-	-	-	-	-	-	-	2	-	-	-	
May Fair WW - G.J.		80353	2	16	-	8	-	-	-	-	-	-	-	-	1	-	-	9	-	
Belgrave WHHH - C.		69220	29	16	2	7	-	-	-	-	-	-	-	-	-	1	1	-	-	
St. John Westminster HHH - C.		35498	16	18	5	6	-	-	-	-	-	-	-	-	-	1	1	10	-	
St. Margaret Westminster H - C.		24679	10	18	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Westminster WHH N.R. & G.J.		29941	10	7	2	1	-	1	-	-	1	-	-	-	-	-	-	3	-	
St. Anne Soho HHHHHH - N.R.		16603	12	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH DISTRICTS.																				
Ali Souls Marylebone HHHHH W.M.		28759	10	9	2	1	-	-	-	-	-	-	-	-	-	1	1	5	-	
Cavendish Square HHHH - W.M.		14391	3	6	1	3	-	-	-	-	-	-	-	-	-	2	2	1	-	
Rectory Marylebone WH G.J. & W.M.		24809	17	8	1	3	-	-	-	-	-	-	-	-	-	2	2	-	-	
St. Mary Marylebone HHH G.J. & W.M.		21118	23	4	1	1	-	-	-	-	-	-	-	-	1	1	1	1	-	
Christchurch Marylebone HHH - W.M.		38700	22	12	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John Marylebone H - W.M.		33633	8	14	3	6	-	-	-	-	1	-	-	-	1	-	-	-	-	
Hampstead Ww H N.R. & W.M.		45452	32	20	3	8	-	-	1	4	-	-	-	-	-	-	1	7	-	
Regent's Park Paneras H - W.M.		39115	21	11	1	5	-	-	-	-	-	-	-	-	-	-	4	-	-	
Tottenham-court WHHHH N.R. & W.M.		27729	15	15	1	7	-	-	-	1	-	-	1	-	1	1	3	11	-	
Gray's Inn Lane HHH - N.R.		30247	19	17	2	7	-	-	-	-	-	-	-	-	-	-	1	6	-	
Gray's Inn Lane HHH - N.R.		34369	14	17	4	5	-	-	-	-	-	-	-	-	-	-	-	2	-	
Somers Town H - N.R.		17311	9	21	1	11	-	1	-	-	-	-	1	1	1	1	2	12	-	
Camden Town WH - N.R.		17311	9	21	1	11	-	1	-	-	-	-	1	1	1	1	2	3	-	
Kentish Town W - N.R.		87487	35	39	9	9	-	-	-	3	-	-	-	-	-	-	-	-	-	
Upper Holloway WWH - N.R.		67946	45	38	8	11	-	-	1	-	-	-	-	-	1	-	1	11	-	
Islington South-west HH - N.R.		100976	71	39	9	14	-	1	1	-	-	-	-	-	-	-	-	-	-	
Islington South-east - N.R.		61826	30	14	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Highbury H - N.R.		52048	19	16	1	7	-	-	-	1	-	-	-	-	-	-	-	-	-	
Stoke Newington H - N.R.		22781	13	8	-	4	-	-	-	-	-	-	-	-	-	1	2	-	-	
Stamford Hill - E.L.		9277	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - N.R.		37610	17	9	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
Hackney WwvH - E.L. & N.R.		76911	55	45	5	11	-	-	3	4	-	-	2	-	1	4	7	15	-	
South Hackney - E.L.		39883	26	8	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
CENTRAL DISTRICTS.																				
St. George Bloomsbury - N.R.		16631	5	6	1	2	-	-	-	-	1	-	-	-	-	-	1	-	-	
St. Giles South WH - N.R.		14864	12	9	1	2	-	-	-	-	-	-	-	-	-	1	1	2	-	
St. Giles North - N.R.		13837	5	2	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.		17508	3	6	1	2	-	-	-	-	1	-	-	-	-	-	-	4	-	
St. Mary-le-Strand H - N.R.		7515	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Clement Danes H - N.R.		8559	5	3	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
Strand Union Workhouse, Edmonton w.		-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Geo. the Martyr HHHHHH N.R.		18671	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Andrew Eastern W - N.R.		10706	6	3	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	
Saffron Hill H - N.R.		6533	3	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - N.R.		17516	12	5	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Anwell Clerkenwell - N.R.		12981	11	3	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
Pentonville - N.R.		14773	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goswell-street - N.R.		17506	9	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - N.R.		11541	1	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
City-road HHL - N.R.		18623	14	9	1	1	-	3	-	-	-	-	-	-	-	1	1	-	-	
Whitecross-street - N.R.		3217	4	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finsbury - N.R.		7463	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham; w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - N.R. & E.L.		11174	3	4	1	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
Cripplegate - N.R.		7193	1	4	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Sepulchre H - N.R.		6565	-	9	-	3	-	-	-	2	-	-	1	-	-	1	1	8	-	
St. Bride W - N.R.		8396	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Allhallows Barking - N.R.		13666	1	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broad Street H - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London, and *K.*, the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
unday, the 7th December, 1889.

		The DEATHS registered in the Week include																		
REGISTRATION		Enu- merated Popu- lation, 1881.	Total Deaths.	Deaths of													Deaths from			
SUB-DISTRICTS.				Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertained Causes of Death.		
EAST DISTRICTS.																				
lywell Shoreditch	N.R. & E.L.	7376	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leonard Shoreditch	HL*	14967	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London New Town	-	29937	17	19	2	10	-	3	-	1	1	-	-	-	-	-	3	-		
London Old Town	-	28036	19	10	5	3	-	-	-	-	-	-	-	-	-	-	9	-		
London Shoreditch	N.R. & E.L.	46275	33	24	6	-	-	-	1	1	-	-	-	-	-	-	7	-		
London Green North	H	51157	29	22	7	1	-	1	2	2	3	-	-	-	-	1	-	-		
London Green South	-	34389	25	13	4	3	-	-	-	-	-	-	-	-	-	2	-	-		
London Green East	WHL*	41405	31	31	6	6	-	2	-	-	-	-	-	-	2	2	10	-		
London Fields	-	22585	17	10	3	3	-	1	-	-	1	-	-	-	-	1	1	-		
London End New Town	W	15473	20	11	1	2	-	-	-	-	-	-	-	-	-	1	1	8		
Whitechapel Church	H	17490	8	30	2	5	-	1	-	2	-	-	-	-	6	9	22	-		
London Finsbury	-	9713	4	4	2	-	-	-	-	-	-	-	-	-	-	1	-	-		
London Finsbury	N.R. & E.L.	6102	4	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
London George's North	-	38747	21	10	4	1	-	-	-	1	-	-	-	-	-	1	-	-		
London St. George East	W	8410	8	14	-	7	-	-	-	-	1	-	-	-	-	-	10	-		
London Finsbury	HH	10395	8	5	2	-	-	1	-	-	-	-	-	-	-	1	4	-		
London Finsbury	-	16107	11	9	2	1	-	2	-	1	1	-	-	-	-	-	-	-		
London Finsbury	-	93041	29	12	4	1	-	1	-	-	2	-	-	-	1	1	-	-		
London End Old Town West	-	37960	25	8	2	3	-	1	-	-	-	-	-	-	1	-	-	-		
London End Old Town East	WuWH	67653	38	40	13	8	-	4	-	-	2	-	-	-	1	3	7	-		
London W	-	37074	26	14	2	2	-	-	-	-	-	-	-	-	-	1	1	-		
London Finsbury	WuWH	64359	52	38	3	14	-	-	-	-	2	-	-	-	2	5	13	-		
London Finsbury	WHL	55077	31	21	7	5	-	-	-	1	-	-	-	-	2	6	1	-		
SOUTH DISTRICTS.																				
London Finsbury	WHL	18663	6	3	1	1	-	-	-	-	-	-	-	-	-	-	1	-		
London Finsbury	-	14999	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	S. & L.	21381	16	6	3	1	-	-	-	-	-	-	-	-	-	2	-	-		
London Finsbury	S. & L.	16953	17	8	5	-	-	1	1	-	-	-	-	-	-	2	3	-		
London Finsbury	L. & S.	21318	13	11	4	1	-	-	-	-	-	-	-	-	-	-	-	1		
London Finsbury	S. & L.	26672	19	5	3	-	-	1	-	-	1	-	-	-	-	-	-	-		
London Finsbury	S. & L.	55555	47	21	6	9	-	-	-	-	-	-	-	-	-	-	3	-		
London Finsbury	L. & S.	21623	19	10	2	3	-	-	1	1	-	-	-	-	-	1	-	-		
London Finsbury	-	11956	14	14	1	2	-	-	-	-	-	-	-	-	-	3	4	11		
London Finsbury	S. & L.	16300	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	-	16669	7	9	1	3	-	-	-	-	-	-	-	-	-	-	-	5		
London Finsbury	-	54682	31	14	2	3	-	1	-	-	-	-	-	-	-	-	-	1		
London Finsbury	S. & K.	36024	23	16	5	2	-	-	-	2	-	-	-	-	1	2	1	-		
London Finsbury	L. & S.	15195	9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	L. & S.	16361	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	L. & S.	19876	9	18	2	6	-	-	-	-	1	-	-	-	-	1	11	-		
London Finsbury	L. & S.	39859	80	25	6	6	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	S. & L.	45232	23	20	3	9	-	-	-	-	2	-	1	-	-	1	9	-		
London Finsbury	S. & L.	36332	19	10	2	5	-	-	-	1	-	-	-	-	-	-	-	-		
London Finsbury	L. & S.	62857	39	25	7	5	-	-	1	-	2	-	-	-	-	-	1	1		
London Finsbury	L.	19017	12	7	4	1	-	-	-	-	2	-	-	-	-	-	-	-		
London Finsbury	-	54675	52	18	5	5	-	-	-	1	-	-	-	-	-	-	-	-		
London Finsbury	WuH	55287	43	25	4	14	-	-	-	-	-	-	-	-	-	1	2	7		
London Finsbury	-	36380	19	15	3	5	-	-	1	1	2	-	-	-	-	-	-	1		
London Finsbury	-	28004	18	8	1	5	-	-	-	1	-	-	-	-	-	-	-	3		
London Finsbury	-	13235	10	4	-	1	-	-	-	-	-	-	-	-	-	1	1	-		
London Finsbury	L.	25553	19	11	-	7	-	-	-	-	-	-	-	-	-	1	1	-		
London Finsbury	L. & S.	5590	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	S. & L.	59104	44	40	4	14	-	-	-	-	1	-	-	-	-	1	14	-		
London Finsbury	S. & L.	71089	42	29	6	9	-	-	-	-	2	-	-	-	-	-	2	1		
London Finsbury	L. & S.	50810	37	25	11	6	-	-	-	-	3	-	-	-	-	-	-	1		
London Finsbury	-	76752	60	40	12	7	-	1	5	3	1	-	-	1	-	-	1	8		
London Finsbury	-	7901	2	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	-	21972	9	10	2	2	-	-	-	-	2	-	-	-	-	1	1	-		
London Finsbury	WHL	24608	25	20	3	9	-	-	-	-	-	-	-	-	-	-	13	1		
London Finsbury	-	5048	6	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	-	21559	4	7	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	WHL	19865	16	13	6	5	-	1	-	-	-	-	-	-	-	1	2	-		
London Finsbury	-	26676	11	9	3	2	-	-	-	-	1	-	-	-	-	1	1	-		
London Finsbury	-	10930	4	6	2	2	-	-	-	-	-	-	-	-	-	-	-	1		
London Finsbury	-	17617	13	7	3	3	-	-	-	-	2	-	-	-	-	-	1	2		
London Finsbury	-	19048	16	6	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
London Finsbury	-	14009	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1		
London Finsbury	-	19241	21	12	4	4	-	-	-	-	-	-	-	-	-	1	1	-		
Metropolitan Asylum Hospitals:																				
Dartford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Winchmore Hill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Plaistow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by *:-

Marylebone Infirmary in Kensington Town sub-district.
General London Sick Asylum in Tottenham Court-road sub-district.
Dobson infirmary in Upper Holloway sub-district.
London City Workhouse in Hackney sub-district.
Dobson " in Hoxton New Town sub-district.
Whitechapel " in Mile End Old Town Eastern sub-dist.
London City " in Mile End Old Town Eastern sub-dist.
Private Lunatic Asylums in which paupers are received, Stepney Workhouse in Bromley sub-district.
Polar & Stepney Sick Asylum Westminster Union Industrial School in West Battersea sub-district.
Strand and Holborn Workhouses outside Registration London.
St. Saviour's Infirmary in Camberwell sub-district.
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 7th December, 1889.

Regis- tration District and Sub- District Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													Deaths in Public Institutions.	Un- classified Causes of Death.
						Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.				
LONDON—OUTER RING		370,924	950,957	782	475	121	122	-	10	7	11	12	1	2	8	19	65	0		
30: 1	Carshalton <i>wL</i> -	12228	21118	10	20	3	4	-	-	-	-	2	-	-	-	-	10			
2	Epsom (part of)* <i>WwH</i>	9971	10710	2	5	2	3	-	-	-	-	-	-	-	-	-	1			
37: 1	Godstone (part of)* -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
38: 1	Croydon <i>WwFHT</i> -	20851	101941	55	46	6	15	-	2	-	-	2	-	-	-	8	10			
2	Mitcham <i>w†</i> -	11697	17932	9	3	1	1	-	-	-	-	-	-	-	-	-	-			
39: 1	Wimbledon <i>HHH</i> -	3220	15950	16	8	4	3	-	-	-	-	-	-	-	1	1	-			
2	Kingston <i>WHH</i> -	8549	36354	26	1	1	3	-	-	-	-	-	-	-	-	1	1			
3	Esher (part of)* -	6601	9221	6	1	1	-	-	-	-	-	-	-	-	-	-	-			
4	Hampton <i>H</i> -	4573	13539	5	5	3	-	-	-	-	-	-	-	-	1	1	-			
40: 1	Richmond <i>WH</i> -	2972	21302	7	12	1	6	-	-	-	-	-	-	-	-	-	2			
2	Mortlake -	2941	12331	11	7	-	3	-	-	-	-	-	-	-	-	-	-			
41: 1	Bromley (pt. of)* <i>HH</i>	15669	31142	22	15	7	3	-	-	-	1	1	-	-	-	-	-			
2	Chislehurst (pt. of)* <i>WHH</i>	14307	15844	4	1	-	1	-	-	-	-	-	-	-	-	-	-			
42: 1	Bexley <i>H</i> -	13437	24134	24	8	3	1	-	-	-	-	1	-	-	-	1	-			
2	Dartford (<i>Ww</i> , pts. of)*	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	2			
124: 1	Sunbury <i>w</i> -	11055	11685	5	4	1	1	-	-	-	1	-	-	1	-	-	-			
2	Staines <i>W</i> -	13277	12089	8	11	1	4	-	-	-	1	-	-	-	1	2	1			
125: 1	Hillingdon <i>WHH</i> -	6029	10302	8	6	1	3	-	1	-	-	-	-	-	-	-	2			
2	Uxbridge -	6178	3225	1	3	-	1	-	-	-	2	-	-	-	-	-	-			
3	Hayes <i>wHL</i> -	14587	11523	10	6	-	1	-	-	-	-	-	-	-	-	-	3			
126: 1	Isleworth <i>WHH</i> -	7008	23727	10	12	1	4	-	-	-	-	2	-	-	-	1	4			
2	Twickenham <i>H</i> -	2477	12479	7	5	2	1	-	-	-	-	-	-	-	-	-	-			
3	Brentford <i>HL</i> -	4345	27649	21	9	4	1	-	-	-	-	-	-	-	-	-	-			
4	Chislewick -	1340	15075	12	17	7	2	-	-	1	-	1	-	-	-	2	-			
5	Acton <i>wH</i> -	6083	22876	25	18	6	2	-	-	1	2	-	-	-	-	-	-			
127: 1	Harrow <i>H</i> -	13909	12796	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
2	Edgware <i>H</i> -	6994	3749	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3	Willesden -	4883	27453	29	6	4	-	-	-	-	-	-	-	-	-	-	-			
4	Hendon <i>W</i> -	8332	10494	13	10	4	4	-	-	-	-	-	-	-	-	-	5			
137: 1	Bushey -	9331	6621	2	3	-	2	-	-	-	-	-	-	-	-	-	-			
2	Watford (<i>W</i> , pt. of)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
128: 1	South Mimms -	15599	6391	3	2	-	2	-	-	-	-	-	-	-	-	-	-			
2	Barnet -	5433	10092	3	1	1	-	-	-	-	-	-	-	-	-	-	-			
3	Finchley <i>HL</i> -	4688	17615	3	14	3	3	-	1	-	-	-	-	-	-	1	7			
135: 1	Hatfield (part of)*	5306	533	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
129: 1	Hornsey <i>H</i> -	3039	37078	25	14	6	4	-	-	-	-	-	-	-	-	-	-			
2	Tottenham <i>H</i> -	4842	46456	65	37	13	9	-	-	-	3	-	-	1	1	1	4			
3	Edmonton <i>Ww†</i> -	7453	23433	19	9	-	4	-	-	-	-	1	-	-	-	-	3			
4	Enfield <i>WH</i> -	12653	19104	21	10	5	2	-	-	-	-	-	-	-	1	1	-			
5	Waltham Abbey -	11017	5338	3	1	-	1	-	-	-	-	-	-	-	-	-	-			
6	Cheshunt -	8490	7735	10	-	-	-	-	-	-	-	-	-	-	-	-	-			
136: 1	Stratford -	882	38603	23	16	4	3	-	-	1	-	1	-	-	-	-	-			
2	West Ham <i>wowwH‡</i> -	7351	101063	129	53	17	11	-	1	2	1	-	-	-	-	-	-			
3	Leyton <i>WwL</i> -	4372	32430	43	21	3	3	-	-	2	-	1	1	-	-	-	6			
4	Walthamstow <i>H</i> -	6520	28869	24	21	5	4	-	5	-	-	-	-	-	-	1	-			
137: 1	Chigwell (part of)* <i>H</i>	11761	9639	9	6	-	3	-	-	-	-	-	-	-	-	-	-			
2	Epping (<i>W</i> , pt. of)*	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	1			
139: 1	Romford (part of)* <i>W</i>	6730	3411	7	5	-	1	-	-	-	-	-	-	-	2	2	3			
2	Ilford -	3493	7645	15	1	-	-	-	-	-	-	-	-	-	-	-	-			
3	Barking Town -	4127	9203	12	3	1	-	-	-	-	-	-	-	-	1	1	-			

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 347); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th December, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from												Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
WATER LONDON	448,334	5,642,015	20·0	2·1	2158	474	602	-	51	31	58	59	11	14	64	423				
INNER LONDON -	77,410	4,351,738	20·2	2·2	1683	353	480	-	41	24	47	47	10	12	56	358				
OUTER RING -	370,924	1,290,277	19·2	1·7	475	121	122	-	10	7	11	12	1	2	8	65				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA - -	433,219	October 12	-	213	25·6	-	1	-	-	-	62	32†	
BOMBAY - -	773,196	November 5	368	449	25·7	1	1	?	?	?	110	40†	
MADRAS - -	398,777	October 18	327	301	30·2	-	6	?	?	?	74	66	
PARIS - -	2,260,945	November 30	1212	1020	23·5	2	17	5	30*	8	23	56	
RUSSELS (with 8 Faubourgs.)	471,606	" 30	255	178	19·6	-	1	-	-	3	1	8	
AMSTERDAM -	403,083	" 30	-	-	-	-	-	-	-	-	-	-	
ROTTERDAM -	197,723	" 30	-	-	-	-	-	-	-	-	-	-	
THE HAGUE -	153,440	" 30	-	-	-	-	-	-	-	-	-	-	
COPENHAGEN -	307,000	" 30	210	113	19·2	-	-	1	11	4	1	4	
STOCKHOLM -	228,218	" 23	120	82	18·7	-	-	4	5*	-	2	4	
CHRISTIANIA -	133,300	" 30	55	66	24·8	-	3	2	7	1	-	3	
PETERSBURG -	842,883	" 16	-	439	27·2	-	15	16	2	2	7	46	
BERLIN - -	1,489,672	" 16	868	497	17·0	-	1	5	35	9	6	31	
HAMBURG(State)	475,276	" 23	384	217	19·7	-	1	4	10*	7	4	7	
BRESLEN - -	164,196	" 23	168	95	18·7	?	4	-	6*	?	-	3	
BRISLAU - -	315,000	" 30	216	148	24·5	-	-	-	13*	2	2	10	
MUNICH - -	281,000	" 23	196	115	21·0	-	1	-	11*	-	1	13	
VENNA - -	311,434	" 23	473	349	20·3	-	10	1	8	3	-	15	
PRAGUE - -	304,356	" 23	-	127	21·8	1	-	3	4	2	-	9	
UDA-PESTH -	452,907	" 23	346	254	20·2	-	-	3	26	2	13	19	
TRIESTE - -	158,084	" 23	-	65	21·4	2	-	-	4*	-	1	2	
ROME - -	407,936	September 28	-	-	-	-	-	-	-	-	-	-	
BRISN (10 days)-	306,393	November 10	245	157	18·7	-	1	1	2	-	5	22	
BRISN - -	154,369	" 23	79	93	31·4	22	-	-	1	-	-	9	
BURO - -	374,838	" 14	478	341	47·5	1	1	-	4*	4	17	122	
ALEXANDRIA -	231,396	" 14	230	173	39·0	1	-	-	2*	-	10	54	
NEW YORK - -	1,571,300	" 16	-	607	20·2	-	3	2	16	7	11	11	
BROOKLYN - -	834,607	" 16	-	294	18·2	-	-	5	22	-	5	1	
PHILADELPHIA -	1,040,245	" 16	-	370	18·6	-	-	6	8	3	8	3	
BALTIMORE - -	500,343	" 16	-	125	13·0	-	-	1	4	2	4	2	

* Including deaths from croup.

† Including 5 deaths from cholera in Calcutta, and 2 in Bombay.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, DECEMBER 7TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the estern of the barometers 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h, A.M.; 3h, P.M.; and 9h, P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are conveyed into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometers is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that a indicates "higher," and - lower, than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market, at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30.19 in at the beginning of the week to 30.33 in at the end of the week, and the mean of the observations was 30.26 in. The mean of the

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered.		GENERAL REMARKS.
		Sunshine, in hours.	Sun above Horizon, in hours.	
SUNDAY . 1	s. P. throughout .	3·8	8·1	Very fine. Hoar frost.
MONDAY . 2	s. P. generally .	0·2	8·1	Fine generally. Cloudless with hoar frost and slight fog in morning; variable clouds afterwards. Very cold.
TUESDAY . 3	s. P. generally .	4·1	8·0	Very fine. Slight hoar frost in morning. Very cold.
WEDNESDAY . 4	s. P. in morning; v. P. afterwards.	0·3	8·0	Generally cloudless with hoar frost in morning; overcast till evening; partially cloudy at night. Very cold.
THURSDAY . 5	v. P. generally .	0·0	8·0	Overcast; occasional slight rain and snow in forenoon.
FRIDAY . 6	s. P. till afternoon; m. P. at night.	0·0	8·0	Overcast.
SATURDAY . 7	v. P. generally; s. N. between 6h. P.M. and 6th P.M.	0·0	7·9	Overcast; frequent snow till evening; thin rain at night.
		Sum	Sum	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 50. 1889. VOL. L.] WEEK ENDING SATURDAY, DECEMBER 14. [Price 1½d.

General Register Office, Somerset House,
16th December, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·1 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.		Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.
Birkenhead	16·3	15·8	14·2	23·9	Liverpool -	18·5	22·1	23·0	25·4
Birmingham	18·0	18·0	18·9	19·2	London -	16·5	17·4	20·2	21·2
Blackburn -	21·5	17·2	25·0	32·3	Manchester -	24·7	27·4	27·3	31·1
Bolton -	20·9	24·6	19·1	30·0	Newcastle-on-Tyne*	26·9	21·7	22·4	28·2
Bradford*	23·8	20·0	24·2	27·1	Norwich -	17·1	11·6	23·2	17·1
Brighton -	8·6	15·0	16·7	18·0	Nottingham -	16·9	16·0	17·3	20·4
Bristol -	18·2	16·6	19·8	20·5	Oldham -	15·4	19·1	19·1	31·9
Cardiff*	10·6	19·0	25·5	24·5	Plymouth -	30·7	32·0	36·7	34·7
Derby -	12·7	19·1	30·7	18·0	Portsmouth -	19·6	13·7	19·2	25·9
Halifax -	21·9	23·2	24·5	30·2	Preston -	23·0	19·0	26·5	26·0
Huddersfield	20·2	14·1	29·8	25·3	Salford*	18·0	17·8	21·6	22·0
Hull -	20·1	25·1	26·8	23·8	Sheffield -	18·2	20·4	21·2	23·1
Leeds -	22·6	22·5	25·4	27·0	Sunderland -	26·0	30·3	21·8	28·8
Leicester*	16·6	14·6	18·0	19·4	Wolverhampton -	20·2	23·4	28·4	20·2

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Derby, 1·3 in Nottingham and in Bradford, and 2·3 in Sunderland; from *scarlet fever*, 1·2 in Liverpool, 1·3 in Wolverhampton, 1·4 in Bolton, and 6·0 in Plymouth; from *whooping-cough*, 1·5 in Portsmouth, 1·8 in Bolton and in Hull, 1·9 in Wolverhampton, and 2·3 in Bristol; and from "*fever*," 1·0 in Birkenhead. The 59 deaths from *diphtheria* in the twenty-eight towns included 35 in London, 5 in Salford, 3 in Plymouth, 2 in Liverpool, and 2 in Oldham. *Small-pox* caused no death in any of the twenty-eight great towns.

LONDON.

In LONDON 2535 BIRTHS and 1768 DEATHS were registered. Allowing for increase of population, the births were 197, and the deaths 65, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·5, 17·4, and 20·2 in the three preceding weeks, further rose last week to 21·2. During the first eleven weeks of the current quarter the death-rate averaged 17·2 per 1000, and was 2·9 below the mean rate in the corresponding periods of the ten years 1879-88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1768 deaths included 30 from measles, 12 from scarlet fever, 35 from diphtheria, 49 from whooping-cough, 15 from enteric fever, 14 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 155 deaths were referred to these diseases, being 83 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 12; only one case of this disease was under treatment on Saturday last in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital. The death of an infant, aged 5 months, in Camberwell, was attributed to chicken-pox. The fatal cases of *measles*, which had been 33, 18, and 41 in the three preceding weeks, declined again last week to 30, and were 40 below the corrected average; 18 occurred in East London, of which 3 belonged to Bethnal Green, 4 to Stepney, and 7 to Mile End Old Town sanitary areas. The deaths from *scarlet fever*, which had been 17, 19, and 24 in the three previous weeks, declined last week to 12, and were 33 below the corrected average; 2 belonged to Fulham, 2 to Hackney, and 2 to Greenwich sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1667 scarlet fever patients on Saturday last, against numbers increasing in the twenty-four preceding weeks from 559 to 1663; 144 cases were admitted to these hospitals during the week, against 132 and 154 in the two preceding weeks. The deaths from *diphtheria*, which had been 30, 33, and 47 in the three previous weeks, declined again last week to 35, but exceeded the corrected average by 13; 2 belonged to Kensington, 3 to Hammersmith, 2 to Hampstead, 4 (including 2 hospital cases admitted from Castle Road, Kentish Town) to Pancras, 7 to Hackney, 2 to Clerkenwell, 2 to Newington, 2 to Lambeth, and 3 to Camberwell sanitary areas. The 49 fatal cases of whooping-cough showed a further slight increase upon recent weekly numbers, but were 5 below the corrected average; 3 belonged to Paddington, 3 to Hammersmith, 3 to Pancras, 4 to Islington, 3 to Stepney, 4 to Newington, 4 to Lambeth, and 3 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 12 in each of the two preceding weeks, rose last week to 14, and exceeded the corrected average by 2; 12 were of children under the age of five years, including 9 of infants aged under one year.

The deaths referred to *enteric fever*, which had been 22, 15, and 8 in the three preceding weeks, rose again last week to 15, but were 5 below the corrected average; 3 belonged to Chelsea and 2 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 121 cases of enteric fever and 10 of typhus on Saturday last; 16 cases of enteric fever were admitted during the week, against 7, 8, and 11 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the seven preceding weeks from 281 to 432, further rose last week to 552, and exceeded the corrected average by 31.

Different forms of violence caused 55 deaths, concerning all but 2 of which inquests were held. Of these 55 deaths, one was a case of suicide, while the remaining 54 were attributed to accident or negligence. Six of these were caused by horses or vehicles in the streets, 9 by burns or scalds, 2 by poison, 2 by drowning, and 16 (including 15 of infants aged under one year) by suffocation.

GREATER LONDON.

In Greater London 3280 births and 2245 deaths were registered, corresponding to annual rates of 30.3 and 20.8 per 1000 of the estimated population. In the Outer Ring 14 deaths from whooping-cough, 13 from measles, 6 from "fever," 5 from scarlet fever, and 5 from diphtheria, were registered. Whooping-cough caused 6 deaths in West Ham, and measles 3 in Croydon and in Walthamstow sub-districts. Two fatal cases of diphtheria occurred in Tottenham, 2 of scarlet fever in Enfield, and 2 of "fever" in Stratford sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various Companies to the Metropolitan area during November will be found on pages 515-16.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 ins.; the lowest reading was 29·11 ins. on Tuesday evening, and the highest 30·18 ins. at the end of the week. The mean temperature of the *air* was 38·1, and 4·2 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Monday and Tuesday, but was below the average on each of the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 11·5 miles per hour, which was 1·3 miles below the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·23 of an inch. The duration of registered bright sunshine in the week was 4·4 hours, against 7·5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of NOVEMBER 1889; according to their returns 164,599,821 gallons or 747,852 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 217 gallons (98·6 decalitrres), being rather less than a *ton* by weight, to each house, and, assuming 7·8 persons to each house, 27·9 gallons (12·7 decalitrres) to each person, against 27·2 gallons in November 1888.

COMPANIES.	Number of Houses, &c. supplied in		Average daily Supply of Water in Gallons.	
	NOVEMBER. 1888.	NOVEMBER. 1889.	NOVEMBER. 1888.	NOVEMBER. 1889.
TOTAL SUPPLY . . .	745,662	757,705	157,969,825	164,599,821
From Thames	359,251	365,150	78,048,405	83,644,525
From Lea and from other Sources . . .	386,411	392,555	79,921,420	80,955,296
THAMES.				
Chelsea	34,735	35,149	8,940,107	9,193,283
West Middlesex	70,969	72,430	14,652,588	14,994,047
Southwark and Vauxhall	110,326	111,687	21,799,108	23,825,321
Grand Junction	55,008	55,802	16,045,112	17,257,274
Lambeth	88,213	90,082	16,620,400	18,374,600
LEA AND OTHER SOURCES.				
New River	151,674	153,050	29,635,000	30,078,000
East London	103,368	166,491	39,113,465	39,408,017
Kent	71,369	73,014	11,172,955	11,469,279

Note.—The Return for November 1889, as compared with that for the corresponding month of 1888, shows an increase of 12,043 houses, and of 6,629,996 gallons of water supplied daily.

ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER.

*Water-analysis Laboratory, The Yews, Reigate,
9th December, 1889.*

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of November.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·8, New River 0·9, Tottenham 1·2, Colne Valley 1·4, Lambeth 2·7, Grand Junction 2·8, Southwark 3·2, West Middlesex 3·3, East London 3·5, and Chelsea 4·0.

The water drawn from the Thames by the Lambeth, Grand Junction, and Southwark Companies was of better quality than that delivered last month, whilst the supply sent out by the Chelsea and West Middlesex Companies was inferior. All the waters were efficiently filtered before delivery.

The water obtained chiefly from the River Lea by the New River Company was of high organic purity, whilst that drawn from the same source, but lower down the stream, by the East London Company was of about the quality of the inferior Thames waters. Both waters were efficiently filtered.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health were, as usual, of a high degree of organic purity, the Kent supply being again especially distinguished in this respect. All these waters were clear and bright, that of the

Colne Valley Company was softened before delivery, and was thus rendered suitable for washing.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and nearly colourless; West Middlesex, Southwark, Grand Junction, and Lambeth, clear and very pale yellow; Chelsea, clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that city was "very slightly turbid and greenish yellow in a two-foot tube."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter. The organic carbon and nitrogen remain unusually low."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

	COMPANIES OR LOCAL AUTHORITIES.	Date and Place of Collection.	Temperature in Centigrade degrees.	Total Solid Matter.	Organic Carbon.	Organic Nitrogen.	Ammonia.	Nitrogen, as Ni- trates and Nitrites.	Total combined Nitrogen.	Chlorine.	Total Hardness.
Inner Circle.	THAMES.	November 25th.	°								
	Chelsea . . .	{ Cab Rank, Horse Guards, Whitehall. }	9'6	30'60	'190	'047	0	'241	'288	1'9	20'3
	West Middlesex .	{ November 25th. Cab Rank, Portland-road. }	10'2	34'46	'163	'030	0	'264	'294	1'9	22'1
	Southwark . . .	{ November 25th. Cab Rank, Bricklayers Arms, Old Kent-road. }	9'7	32'20	'160	'027	0	'242	'269	1'8	22'1
	Grand Junction .	{ November 25th. Cab Rank, Uxbridge-road, near Marble Arch. }	9'2	32'26	'141	'026	0	'272	'298	1'8	22'1
	Lambeth . . .	{ November 25th. Cab Rank, St. George's- road, Southwark. }	9'6	32'66	'131	'029	0	'265	'294	1'9	22'7
	LEA.	November 25th.									
	New River . . .	{ Cab Rank, Tottenham Court-road. }	9'2	32'86	'045	'010	0	'334	'344	1'7	23'6
	East London . .	{ November 25th. Fire Brigade Station, Commercial-road, E. }	9'4	37'74	'173	'035	0	'308	'343	2'0	26'0
	DEEP WELLS.	November 25th.									
Outer Circle.	Kent	{ November 25th. Mill Lane, Deptford. }	12'2	43'06	'038	'008	0	'504	'512	2'5	30'3
	Colne Valley . .	{ November 27th. Bushey. }	—	18'38	'068	'017	'018	'425	'457	2'1	6'9
	Tottenham . . .	{ November 25th. Tottenham. }	—	49'70	'058	'011	'056	'603	'660	3'5	26'6
	Corporation of Birming- ham*	{ November 4th. 4, Severn Street. }	9'4	31'96	'167	'024	'001	'341	'365	1'9	13'9
	Corporation of Glasgow†.	{ November 15th. Loch Katrine Water. }	8'1	2'80	'107	'021	0	'003	'024	0'8	1'19
	Column 1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

* Analysed by Dr. Alfred Hill, Medical Officer of Health and Analyst to the City.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 25th November at the Horse Guards cab-rank, had a temperature of 9°·6 C.; 100,000 lbs. of it contained 30·60 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·190 lb. of carbon and ·047 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·241 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·288 lb. The above weight of water also contained 1·9 lbs. of chlorine; and 20·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

CITIES AND BOROUGH.	Registered during the Week ending 14th Dec., 1889.		Population estimated to the middle of the year 1889.		The Deaths registered in the Week include													TEMPERATURE OF THE AIR.				RAINFALL.		CITIES AND BOROUGH.		
	1.	2.	3.	Deaths of Persons aged 60 Years or upwards.	Deaths from	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Unidentified Causes of Death.	From All Weeks Deaths.	From Diseases in Col. 12.	Fahrenheit.			Mean.	Centigrade.		In Inches.	In Centi- meters.
																			Highest.	Lowest.	Fahrenheit.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.	
28 TOWNS*	9,555,406	5646	4235	912	1110	-	74	63	59	105	40	37	121	257	731	103	231	21	51.4	23.2	37.8	3.22	0.40	1.02	- 28 TOWNS.	
LONDON	4,351,738	2535	1768	375	510	-	30	12	35	49	15	14	55	124	422	18	21.2	1.9	49.4	24.3	38.1	3.39	0.23	0.68	LONDON.	
BRIGHTON	121,807	50	42	8	11	-	-	1	-	1	-	-	-	2	6	2	18.0	1.3	48.4	27.2	39.8	4.33	0.50	1.27	BRIGHTON.	
PORTSMOUTH	141,253	93	70	17	18	-	-	-	-	4	-	-	-	-	6	2	25.9	2.2	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	94,510	67	31	7	10	-	-	-	-	-	-	-	-	-	4	1	17.1	1.1	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	78,225	52	52	10	17	-	1	9	3	-	-	1	1	3	10	1	34.7	9.3	-	-	-	-	-	-	PLYMOUTH.	
BRISTOL	229,361	125	90	26	21	-	1	2	1	10	-	-	-	4	8	18	20.5	3.2	50.5	26.5	38.7	3.72	0.49	1.24	BRISTOL.	
WOLVERHAMPTON	82,544	53	32	6	10	-	-	2	-	3	-	-	-	1	3	2	20.2	3.2	50.8	24.2	35.9	2.17	0.36	0.91	WOLVERHAMPTON.	
BIRMINGHAM	454,835	269	167	39	37	-	6	2	-	1	-	3	9	18	25	4	19.2	1.4	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER*	150,520	95	56	15	18	-	-	-	-	1	-	-	-	2	6	10	19.4	0.3	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	124	93	31	20	-	6	1	-	1	-	2	2	4	10	3	20.4	2.2	50.8	23.2	36.4	2.44	0.29	0.74	NOTTINGHAM.	
DERBY	98,529	48	31	12	8	-	2	-	-	-	-	1	-	-	1	1	18.0	1.6	-	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,541	62	47	11	15	-	-	-	1	1	2	1	2	3	8	-	23.9	3.1	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,562	342	205	47	55	-	8	14	2	4	4	1	8	9	47	19	25.4	2.8	51.3	30.2	40.6	4.78	0.63	1.60	LIVERPOOL.	
BOLTON	114,670	57	66	6	18	-	2	3	1	4	-	-	1	2	3	5	30.0	5.0	-	-	-	-	-	-	BOLTON.	
MANCHESTER	378,800	259	226	49	57	-	-	2	1	3	1	3	4	14	42	6	31.1	1.4	-	-	-	-	-	-	MANCHESTER.	
SALFORD*	234,283	132	99	18	25	-	2	2	5	1	2	1	2	3	20	1	22.0	2.9	-	-	-	-	-	-	SALFORD.	
OLDHAM	142,405	81	87	21	28	-	-	-	-	-	-	-	-	3	5	1	31.9	0.7	-	-	-	-	-	-	OLDHAM.	
BLACKBURN	121,275	74	75	15	13	-	-	2	-	-	-	-	1	3	10	-	32.3	1.7	-	-	-	-	-	-	BLACKBURN.	
PRESTON	104,194	72	52	11	10	-	-	-	-	1	-	1	2	-	4	1	26.0	2.0	-	-	-	-	-	-	PRESTON.	
HUDDESFIELD	92,825	36	45	15	13	-	-	-	-	-	-	-	-	-	5	3	25.3	0.6	-	-	-	-	-	-	HUDDESFIELD.	
HALEFAX	81,080	46	47	7	13	-	1	-	-	-	-	-	1	1	6	1	30.2	1.3	-	-	-	-	-	-	HALEFAX.	
BRADFORD	235,056	110	122	23	36	-	6	2	-	1	-	1	6	11	10	3	27.1	2.2	51.4	29.4	39.0	3.89	0.31	0.79	BRADFORD.	
LEEDS	357,449	221	185	37	39	-	-	-	-	7	4	1	3	7	18	4	27.0	1.9	-	-	-	-	-	-	LEEDS.	
SHEFFIELD	327,227	235	145	35	33	-	1	5	1	2	2	1	2	5	11	8	23.1	1.9	-	-	-	-	-	-	SHEFFIELD.	
HULL	208,017	117	95	25	27	-	-	1	-	7	2	1	2	2	9	8	23.8	2.8	51.0	27.0	35.9	2.17	0.46	1.17	HULL.	
SUNDERLAND	134,103	83	74	15	21	-	6	2	1	1	2	1	1	5	7	9	28.8	4.7	-	-	-	-	-	-	SUNDERLAND.	
NEWCASTLE*	160,983	119	87	13	21	-	-	-	-	3	2	1	2	2	5	8	28.2	2.3	50.0	29.0	35.6	2.00	0.33	0.84	NEWCASTLE.	
CARDIFF*	112,712	80	53	18	6	-	-	1	1	-	-	-	-	5	7	1	24.5	0.9	-	-	-	-	-	-	CARDIFF.	
EDINBURGH	266,900	144	118	20	31	-	8	1	4	2	1	-	2	9	24	23	23.1	3.1	52.5	26.0	38.4	3.56	0.27	0.69	EDINBURGH.	
GLASGOW	538,144	341	270	59	47	-	11	3	5	9	6	7	15	9	50	31	26.7	4.1	54.1	28.1	40.8	4.89	0.68	1.73	GLASGOW.	
DUBLIN	353,082	173	218	36	55	-	2	-	-	3	6	2	5	7	68	35	32.2	1.9	52.9	26.1	40.0	4.44	0.30	0.90	DUBLIN.	

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIFTIETH Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	Corrected Weekly Average in 10 Years 1879–88,*	1889
TOTAL Births	2476	2480	2480	2569	2540	2614	2671	2415	2516	2291		2731·8	2535
Males . .	1270	1268	1283	1320	1257	1319	1390	1298	1293	1139		1393·3	1323
Females .	1206	1212	1197	1249	1283	1295	1281	1177	1223	1152		1338·5	1212
TOTAL Deaths	2132	1377	1636	1996	1722	1638	1725	1499	1625	1455		1832·5	1763
Males . .	1060	709	819	982	833	786	863	763	807	733		911·6	901
Females .	1072	668	817	1014	889	852	857	736	818	722		920·9	867

The numbers in this column are the average weekly numbers in the fiftieth weeks of the ten years 1879–88, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.
TOTAL Births	2344	2504	2364	2595	2518	2580	2623	2658	2522	2517	2321	2270	2535
TOTAL Deaths	1267	1361	1381	1321	1410	1310	1317	1350	1451	1375	1448	1683	1768
Ages at													
{ 0–20 years	599	644	630	581	590	562	599	606	667	660	647	713	719
{ 20–40 "	157	186	201	187	209	163	200	181	188	176	184	196	227
{ 40–60 "	248	244	230	227	274	250	209	245	254	259	266	294	312
Death													
{ 60–80 "	216	245	261	263	272	283	253	265	265	222	292	392	418
{ at 80 years & upwards.	47	42	59	63	65	52	56	53	77	55	59	83	92
"													
{ Under 1 year	332	386	376	321	320	276	323	310	343	335	333	353	375
{ 1–5 "	182	165	172	175	187	200	212	209	235	233	227	265	247
{ 5–20 "	85	93	82	85	83	86	64	87	89	93	87	95	97
Deaths from Small-pox	-	-	-	-	-	-	-	1	-	-	-	-	-
" " Measles	3	7	9	13	23	17	22	20	33	33	18	41	30
" " Scarlet fever	25	22	20	15	25	27	20	23	24	17	19	24	12
" " Diphtheria	44	44	45	35	41	37	31	23	38	30	33	47	35
" " Whooping-cough	26	23	14	14	26	22	21	24	37	31	44	47	49
" " Typhus	-	2	-	1	1	1	-	-	1	-	-	-	-
" " Enteric fever	11	19	19	16	11	21	19	11	20	22	15	8	15
" " Simple Cont'd fever	1	1	2	-	2	1	-	-	-	2	1	2	-
" " Diarrhoea and Dysentery	73	80	52	28	22	15	17	17	16	17	12	12	14
" " Cholera	1	-	1	-	-	-	-	1	-	-	-	-	-
" " all the above- mentioned Diseases	184	198	162	122	151	141	130	120	169	152	142	181	155
" " Dis. of Respira- tory System	142	189	225	264	300	281	300	318	321	338	345	432	552
" " Phthisis	157	146	148	129	184	141	125	141	154	169	183	161	182
" " Dis. of Circula- tory System	110	112	123	127	115	115	104	122	121	113	126	163	163
Violent Deaths	54	62	62	50	57	49	59	51	65	57	53	56	55
Inquest Cases	96	119	119	99	112	101	123	97	122	114	113	123	124
Deaths in Public Institutions	324	336	335	314	332	319	309	313	363	314	336	358	422
TEMPERATURE OF THE AIR													
Mean	51·1	50·6	48·9	49·8	49·4	46·7	47·3	47·3	46·8	41·9	37·6	32·1	38·1
Mean of Highest readings	62·2	58·9	56·7	58·4	57·8	53·7	54·0	53·3	52·7	48·2	43·4	35·8	42·5
Mean of Lowest readings	41·6	42·9	43·8	42·6	41·6	41·5	41·4	40·8	41·0	41·3	32·0	27·8	31·9
Humidity of the Air	74	80	89	82	88	94	88	90	93	94	84	85	92
Rain-fall in inches	0·25	0·85	0·90	0·57	0·70	1·07	0·78	0·26	0·01	0·13	0·32	0·23	0·23
Registered Sunshine (in hours)	40·2	17·4	10·0	31·1	17·3	8·1	23·1	3·9	11·9	0·0	5·9	8·4	4·4

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothessley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlklandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 50th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 14th December 1889.										Corrected Averages for the 50th Weeks of the 10 years 1879-88.*	CAUSES OF DEATH.	Corrected Averages for the 50th Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 14th December 1889.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.
† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.
‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."
§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE 5. LONDON.—POPULATION; BIRTHS; DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																			
REGISTRATION SUB-DISTRICTS.	Enu- me- rated Popu- lation, 1881.	Total BIRTHS	Total DEATHS.	Deaths of		Deaths from											Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
				Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Eratie (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.				
LONDON	3,815,704	2535	1768	375	510	-	30	12	35	49	-	15	-	14	55	124	422	1	
WEST DISTRICTS	669,893	395	325	56	105	-	2	3	7	10	-	6	-	5	7	20	95	1	
NORTH DISTRICTS	905,947	565	393	80	101	-	5	4	16	9	-	3	-	3	12	32	90	-	
CENTRAL DISTRICTS	332,238	154	129	23	37	-	1	-	2	2	-	1	-	3	9	10	42	-	
EAST DISTRICTS	692,738	509	355	70	83	-	18	1	1	11	-	2	-	1	9	26	100	1	
SOUTH DISTRICTS	1,265,143	912	566	137	184	-	4	4	9	17	-	3	-	2	18	27	95	16	
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION LONDON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WEST DISTRICTS.																			
St. Mary Paddington WHH G.J. & W.M.	66888	56	39	8	13	-	-	-	-	2	-	1	-	1	-	2	7	-	
St. John Paddington H - - G.J.	37380	10	13	-	4	-	-	-	-	1	-	-	-	-	-	1	7	-	
Kensington Town W - - W.M.	120141	57	64	9	26	-	-	-	1	-	-	-	-	-	3	6	17	-	
Brompton H - - W.M. & C.	48010	18	10	2	3	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Peter Hammersmith - - W.M.	7599	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Paul Hammersmith H W.M. & G.J.	64840	51	37	8	6	-	-	1	2	3	-	1	-	-	-	3	-	-	
Fulham W - - W.M. & C.	42900	46	36	10	7	-	-	2	2	-	-	-	-	3	-	4	14	-	
Chelsea South HHH - - C.	30396	22	14	2	2	-	2	-	2	1	-	2	-	-	-	1	3	-	
Chelsea North-west WHHHHH - C.	24925	16	20	3	7	-	-	-	-	-	-	-	-	-	-	-	15	-	
Chelsea North-east - - C.	32807	24	12	4	4	-	-	-	-	1	-	1	-	-	-	-	-	-	
May Fair WW - - G.J.	30353	12	15	-	8	-	-	-	-	-	-	-	-	-	-	-	8	-	
Belgrave WHHH - - C.	59220	23	20	2	4	-	-	-	-	-	-	1	-	1	2	3	8	1	
St. John Westminster HHH - C.	35496	17	16	5	5	-	-	-	-	2	-	-	-	-	-	-	-	-	
St. Margaret Westminster H - C.	24679	10	11	1	6	-	-	-	-	-	-	-	-	-	3	3	5	-	
St. James Westminster WHH N.R. & G.J.	29941	14	12	1	10	-	-	-	-	-	-	-	-	-	-	-	6	-	
St. Anne Soho HHHHHHH - N.R.	16606	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
NORTH DISTRICTS.																			
All Souls Marylebone HHHHH W.M.	26734	17	11	1	1	-	1	-	1	-	-	-	-	-	-	-	6	-	
Cavendish Square HHHH - - W.M.	14361	6	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kectory Marylebone WH G.J. & W.M.	24809	12	5	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	
St. Mary Marylebone HHH G.J. & W.M.	21118	24	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch Marylebone HHH - W.M.	38700	29	14	7	2	-	-	-	-	-	-	-	-	-	-	3	-	-	
St. John Marylebone H - - W.M.	33638	11	8	5	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
Hampstead W - - N.R. & W.M.	45452	31	23	2	8	-	-	-	6	-	-	-	-	-	-	-	9	-	
Regent's Park Pancras H - - W.M.	39115	20	12	2	4	-	-	-	-	-	-	-	-	-	1	1	-	-	
Tottenham-court WHHHH N.R. & W.M.	27729	11	20	3	4	-	-	-	-	-	-	-	-	1	3	7	7	-	
Gray's Inn Lane HHH - - N.R.	30247	17	12	5	3	-	1	-	-	-	-	-	-	-	2	4	3	-	
Somers Town H - - N.R.	43869	15	19	6	3	-	1	-	-	3	-	-	-	1	1	1	1	-	
Camden Town WH - - N.R.	17811	16	7	2	3	-	-	-	-	-	-	-	-	-	1	1	3	-	
Kentish Town W - - N.R.	87487	64	38	11	7	-	-	-	-	-	-	1	-	-	3	6	-	-	
Upper Holloway WWH - - N.R.	67946	50	62	5	18	-	-	-	-	1	-	1	-	-	-	1	27	-	
Islington South-west HH - - N.R.	106976	50	84	9	10	-	2	1	-	1	-	1	-	-	1	1	1	-	
Islington South-east - - N.R.	61895	31	16	3	9	-	-	-	-	-	-	-	-	-	1	4	-	-	
Highbury H - - N.R.	52048	27	13	2	7	-	-	-	-	2	-	-	-	-	-	-	2	-	
Stoke Newington H - - N.R.	22781	15	7	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-	
Stamford Hill - - E.L.	9277	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Hackney H - - N.R.	37610	24	19	2	5	-	-	-	2	1	-	-	-	-	-	-	2	-	
Hackney W - - E.L. & N.R.	76911	60	55	14	10	-	1	1	5	-	-	1	-	-	1	4	20	-	
South Hackney - - E.L.	39883	21	13	4	1	-	-	-	1	1	-	-	-	-	1	2	-	-	
CENTRAL DISTRICTS.																			
St. George Bloomsbury - - N.R.	16681	7	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Giles South WH - - N.R.	14984	15	12	-	3	-	-	-	-	-	-	-	-	-	-	1	7	-	
St. Giles North - - N.R.	13837	4	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
St. Martin-in-the-Fields HH N.R. & C.	17508	3	11	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary-le-Strand H - - N.R.	7515	1	3	-	2	-	-	-	-	-	-	-	-	1	3	4	3	-	
St. Clement Danes H - - N.R.	3559	7	9	3	-	-	-	-	-	-	-	1	-	-	-	-	6	-	
Strand Union Workhouse, Edmonton w.	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	
St. Geo.-the-Martyr HHHHHH N.R.	18671	11	11	2	1	-	-	-	1	-	-	-	-	-	-	1	7	-	
St. Andrew Eastern W - - N.R.	10706	3	5	1	1	-	-	-	-	-	-	-	-	-	1	3	2	-	
Saffron Hill H - - N.R.	6533	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James Clerkenwell - - N.R.	17516	12	6	3	1	-	-	-	-	-	-	-	-	-	-	1	-	-	
Amwell Clerkenwell - - N.R.	19281	9	6	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Pentonville - - N.R.	14773	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Goswell-street - - N.R.	17508	8	7	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Old-street H - - N.R.	11541	7	5	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
City-road HHL - - N.R.	18623	83	11	3	4	-	-	-	-	1	-	-	-	-	-	-	-	-	
Whitecross-street - - N.R.	9217	4	4	2	1	-	-	-	-	-	-	-	-	-	2	2	3	-	
Finsbury - - N.R.	7463	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Holborn Union Workhouse, Mitcham w.	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Botolph H - - N.R. & E.L.	11174	6	8	1	4	-	-	-	-	-	-	-	-	-	-	-	1	-	
Cripplegate - - N.R.	7193	2	2	-	-	-	-	-	-	-	-	-	-	1	1	2	1	-	
St. Sepulchre H - - N.R.	3353	-	10	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Bride W - - N.R.	3396	-	2	-	2	-	1	-	-	-	-	-	-	-	2	2	9	-	
Albion Barking - - N.R.	13666	1	3	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
Broad Street H - - N.R.	4423	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L., East London, and K., the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
Saturday, the 14th December, 1889.

The DEATHS registered in the Week include																				
REGISTRATION		Enu- mer- ated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths from													Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Dysentery.	Violence.				
EAST DISTRICTS.																				
Holywell Shoreditch	N.R. & E.L.	7876	2	4	-	1	-	-	-	-	-	-	-	-	2	-	-			
St. Leonard Shoreditch	HL*	14987	8	8	-	-	1	-	-	-	-	-	-	-	-	2	-			
Horton New Town	w	29837	17	20	6	6	-	-	-	-	-	-	-	-	1	6	-			
Horton Old Town	-	28036	17	11	2	1	-	-	-	-	-	-	-	-	1	1	-			
Haggerston	WH	46275	44	29	10	11	-	-	1	-	-	-	-	-	-	1	11			
Bethnal Green North	H	51157	40	22	5	3	2	-	-	1	-	-	-	-	1	2	1			
Bethnal Green South	-	34399	29	16	5	2	1	-	-	1	-	-	-	-	2	1	-			
Bethnal Green East	WHL*	41405	29	32	3	13	-	-	-	-	-	-	-	-	1	1	20			
Spitalfields	-	22585	18	3	-	-	-	2	-	-	-	-	-	-	-	-	-			
Mile End New Town	W	15473	17	11	2	3	-	-	-	-	-	-	-	-	-	-	5			
Whitechapel Church	H	17490	7	20	1	3	-	-	-	-	-	-	-	-	3	1	1			
Goodman's Fields	-	9713	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-			
Aldgate	-	6102	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. George's, North	-	38747	38	17	4	2	-	1	-	-	-	-	-	-	2	-	-			
St. John, St. George East	W	8410	4	11	-	-	-	-	-	1	-	-	-	-	1	1	9			
Shadwell	HH	10995	7	5	5	-	-	-	-	-	-	-	-	-	-	3	-			
Ratcliff	-	16107	10	9	1	2	-	-	-	1	-	-	-	-	-	-	-			
Limehouse	-	32041	20	16	1	4	-	4	-	2	-	-	-	-	1	-	-			
Mile End Old Town West	-	37960	35	14	3	3	-	1	-	-	-	-	-	-	1	3	-			
Mile End Old Town East	WWWH - E.L.	67553	60	47	14	7	6	1	-	2	-	-	-	-	1	2	7			
Row	L*	37074	15	12	-	3	-	-	-	-	-	-	-	-	-	1	1			
Bromley	WWWH	64359	55	35	4	12	-	-	-	1	-	-	-	-	1	2	15			
Poplar	WWH	55077	34	11	3	3	-	-	-	1	-	-	-	-	1	1	-			
SOUTH DISTRICTS.																				
Christchurch Southwark	WH L. & S.	15663	13	6	1	1	-	-	-	-	-	-	-	-	1	1	-			
St. Saviour Southwark	- S.	14999	6	2	1	-	-	-	-	-	-	-	-	-	-	-	1			
Kent-road	- S. & L.	21581	21	2	1	-	-	-	-	-	-	-	-	-	-	-	-			
Borough-road	WH - S. & L.	15933	14	4	1	1	-	-	-	-	-	-	-	-	-	-	-			
London-road	HL - L. & S.	21318	14	10	2	1	-	-	-	-	-	-	-	-	1	2	-			
Trinity Newington	- S. & L.	25672	15	10	3	3	-	-	-	-	-	-	-	-	-	-	-			
St. Peter Walworth	W - S. & L.	55965	43	42	10	10	-	-	1	4	-	-	-	-	1	1	2			
St. Mary Newington	- L. & S.	21623	16	12	4	4	-	-	1	-	-	-	-	-	1	-	-			
St. Olave	WH - - S.	11956	10	8	1	2	-	-	-	-	-	-	-	-	1	2	7			
Leather Market	- S. & L.	16800	11	1	-	-	1	-	-	-	-	-	-	-	-	-	-			
St. Mary Magdalen	W - - S.	15669	9	10	1	3	-	-	-	-	-	-	-	-	-	5	-			
St. James Bermondsey	- - S.	54882	31	14	4	5	-	-	-	-	-	-	-	-	2	2	-			
Woolerthithe	WH - S. & K.	36024	20	10	2	1	-	-	-	-	-	-	-	-	1	1	2			
Waterloo-road 1st	H - L. & S.	15195	8	4	-	2	-	-	-	-	-	-	-	-	-	1	-			
Waterloo-road 2nd	H - L. & S.	16821	19	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Lambeth Church 1st	H - L. & S.	19876	13	24	3	5	-	-	3	-	-	-	-	-	4	4	18			
Lambeth Church 2nd	WW - L. & S.	39859	36	26	4	14	-	-	-	-	-	-	-	-	-	15	-			
Kennington 1st	- S. & L.	45332	85	20	6	4	-	-	1	-	-	-	-	-	-	-	1			
Kennington 2nd	- S. & L.	35832	28	18	5	4	-	-	-	-	-	-	-	-	1	1	2			
Brixton	WW - L. & S.	62837	27	19	6	7	1	-	1	2	-	-	-	-	-	1	1			
Northwood	W - L.	19017	10	12	1	5	-	-	1	-	-	-	-	-	-	1	-			
East Battersea	- - S.	54675	40	25	7	11	-	-	-	1	-	-	-	-	-	2	-			
West Battersea	WWH - S.	52587	44	25	8	9	-	-	-	-	-	-	-	-	-	-	-			
Clapham	H - S.	36860	18	12	2	6	-	-	1	1	-	-	-	-	1	1	1			
Wandsworth	WHL - S.	28004	23	8	3	2	-	-	-	-	-	-	-	-	1	1	-			
Putney	- - S.	13255	6	3	-	2	-	-	-	-	-	-	-	-	-	-	-			
Streatham	- - L.	25553	20	9	3	5	-	-	-	-	-	-	-	-	-	-	-			
Dulwich	- - L. & S.	5590	-	2	-	1	-	-	-	1	-	-	-	-	-	-	-			
Camberwell	W & L* - S. & L.	59104	45	45	6	22	-	-	-	1	-	2	-	-	1	1	23			
Peckham	W - S., L., & K.	71069	40	21	3	7	-	-	-	-	-	-	-	-	-	1	-			
St. George Camberwell	- L. & S.	50810	44	22	8	4	-	-	2	-	-	-	-	-	-	-	1			
St. Paul Deptford	WW - K.	76762	70	35	12	9	-	-	3	-	1	-	-	-	1	2	2			
St. Nicholas Deptford	- - K.	7901	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Greenwich West	H - K.	21972	16	10	2	3	-	1	-	1	-	-	-	-	-	1	-			
Greenwich East	WHH - K.	24608	24	22	4	11	-	-	-	-	-	-	-	-	1	1	11			
Eltham	H - - K.	5048	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-			
Lee	H - - K.	21559	7	6	1	-	-	-	-	-	-	-	-	-	-	-	1			
Lewisham	WH - - K.	19865	16	6	1	2	-	1	-	-	-	-	-	-	-	1	-			
Sydenham	H - - L.	26076	22	11	6	1	-	-	-	-	-	-	-	-	-	-	-			
Charlton	HH - - K.	10930	6	6	-	2	-	-	-	-	-	-	-	-	-	1	2			
Woolwich Dockyard	- - K.	17617	12	11	1	6	-	-	-	-	-	-	-	-	-	1	-			
Woolwich Arsenal	HH - - K.	19048	13	13	7	2	-	-	-	1	-	-	-	-	-	-	1			
Plumstead, West	H - - K.	14009	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Plumstead, East	W - - K.	15241	31	20	5	5	-	-	-	1	-	-	-	-	-	1	2			
Metropolitan Asylum Hospitals:																				
Dartford	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Winchmore Hill	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Plaistow	w	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:—

Marylebone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Tottenham Court-road sub-district.	Poplar & Stepney Sick Asylum "
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
London City " " Mile End Old Town Eastern sub-dist.	
" " " " and Bromley sub-district.	

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 14th December, 1889.

Regis- tration District and Sub- District Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include													
						Deaths of		Deaths from										Deaths in Public Institutions.	Uncertified Causes of Death.
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.			
LONDON—OUTER RING		370.924	950.957	745	477	99	149	-	13	5	5	14	6	2	10	24	51	6	
80:1	Carshalton <i>wL</i> -	12228	21114	7	19	1	7	-	2	-	-	-	-	-	-	-	8	-	
2	Epsom (part of) * <i>WwH</i>	9971	10710	5	7	1	3	-	-	-	-	-	-	-	-	-	1	-	
37:1	Godstone (part of) * -	2754	1235	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwEHK</i> -	20851	101241	62	51	12	21	-	3	1	-	2	-	1	1	5	8	-	
2	Mitcham <i>w†</i> -	11697	17932	13	4	-	1	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	3220	15950	20	5	3	1	-	-	-	-	-	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	36354	25	9	-	5	-	1	-	-	-	-	-	-	-	1	-	
3	Esher (part of) * -	8601	9221	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	13539	8	5	2	1	-	-	-	-	-	-	-	1	1	-	-	
40:1	Richmond <i>WH</i> -	2272	21302	13	14	2	5	-	-	1	-	1	1	-	-	-	3	-	
2	Mortlake -	2941	12331	10	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
41:1	Bromley (pt. of) * <i>HH</i>	15669	31142	21	9	1	-	-	-	-	1	-	-	-	-	-	-	-	
2	Chislehurst (pt. of) * <i>WHH</i>	14307	15844	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
42:1	Bexley <i>H</i> -	18437	24134	15	9	1	5	-	-	-	-	1	1	-	1	2	-	-	
2	Dartford (<i>Ww</i> , pts. of) *	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	
124:1	Sunbury <i>w</i> -	11055	11635	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	12	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon <i>WHH</i> -	6029	10802	2	3	-	2	-	-	-	-	-	-	-	1	1	1	-	
2	Uxbridge -	6178	3225	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	4	15	-	4	-	-	-	-	-	-	-	-	-	10	-	
126:1	Isleworth <i>WHH</i> -	7098	22727	16	11	1	6	-	-	-	-	-	-	1	1	1	3	-	
2	Twickenham <i>H</i> -	2477	12479	6	13	4	-	-	-	-	1	-	-	-	-	-	-	1	
3	Brentford <i>HL</i> -	4345	27649	15	10	-	4	-	1	-	-	-	-	-	-	1	-	-	
4	Chiswick -	1340	15975	17	8	1	3	-	-	1	-	-	-	-	1	1	-	-	
5	Acton <i>wH</i> -	6083	22876	9	17	3	10	-	-	-	-	-	-	-	-	-	-	-	
127:1	Harrow <i>H</i> -	13809	12796	10	3	-	2	-	1	-	-	-	-	-	-	-	-	-	
2	Edgware <i>H</i> -	6994	3749	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	37	21	3	4	-	-	-	-	2	-	-	1	2	-	-	
4	Hendon <i>W</i> -	8332	10434	9	5	1	2	-	-	-	-	-	-	-	-	-	-	-	
137:1	Bushy -	9331	6621	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128:1	South Mimms -	15599	6391	7	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	6433	10092	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
3	Finsbury <i>HL</i> -	4698	17615	11	8	1	1	-	1	-	-	-	-	-	-	-	1	-	
135:1	Hatfield (part of) * -	3306	583	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129:1	Hornsey <i>H</i> -	3039	37078	21	12	2	5	-	-	-	1	-	-	-	-	-	-	-	
2	Tottenham <i>H</i> -	4642	46455	49	26	10	6	-	-	-	2	-	-	-	1	4	1	-	
3	Edmonton <i>Ww†</i> -	7453	33463	21	12	2	5	-	-	-	-	-	-	-	-	2	2	-	
4	Enfield <i>WH</i> -	12655	19104	14	14	6	1	-	-	2	-	-	-	-	1	1	3	-	
5	Waltham Abbey -	11017	5345	7	4	2	2	-	-	-	-	-	-	-	-	-	-	-	
6	Cheshunt -	8439	7733	8	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford -	832	38403	32	20	5	2	-	-	-	1	-	2	-	-	-	-	1	
2	West Ham <i>wowwH‡</i> -	7351	101053	105	69	17	12	-	-	-	-	6	1	-	1	2	-	1	
3	Leyton <i>WwL</i> -	4372	32430	40	31	9	13	-	1	-	-	1	-	-	-	-	8	1	
4	Walthamstow <i>H</i> -	6520	28869	45	15	3	4	-	3	-	-	-	-	-	-	1	-	1	
137:1	Chigwell (part of) * <i>H</i>	11761	9639	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (<i>W</i> , pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Romford (part of) * <i>W</i>	6730	3411	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7643	7	3	1	1	-	-	-	-	-	-	-	-	-	-	1	
3	Barking Town -	4127	9203	5	2	-	-	-	-	-	-	-	1	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th December, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include												
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.			
	Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	
GREATER LONDON		448,334	5,642,015	20·8	1·8	2245	474	659	-	43	17	40	63	21	16	65	473	
INNER LONDON -		77,410	4,351,738	21·2	1·9	1768	375	510	-	30	12	35	49	15	14	55	422	
OUTER RING -		370,924	1,290,277	19·3	1·8	477	99	149	-	13	5	5	14	6	2	10	51	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.						
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrheal Diseases.
CALCUTTA -	433,219	October 19	-	250	28·7	-	-	-	-	-	78	41
BOMBAY -	773,196	November 12	328	397	22·7	-	-	?	?	?	104	27
MADRAS -	398,777	October 25	317	291	37·9	-	5	?	?	?	83	34
PARIS -	2,260,945	December 7	1127	1091	25·1	1	11	2	31*	8	45	45
BRUSSELS -	471,606	" 7	268	157	17·3	-	-	-	-	1	1	14
with 8 Faubourgs.)												
AMSTERDAM -	403,083	November 30	280	186	24·2	-	4	-	4	2	-	-
ROTTERDAM -	197,723	December 7	266	184	23·9	-	2	1	6	1	-	-
THE HAGUE -	153,440	November 30	175	86	22·5	-	-	-	-	3	-	2
COPENHAGEN -	307,000	December 7	166	75	19·7	-	-	-	1	2	-	-
STOCKHOLM -	228,218	November 30	100	53	17·9	-	1	-	-	1	-	-
CHRISTIANIA -	138,300	December 7	102	57	19·3	-	-	-	-	1	-	-
ST. PETERSBURG	842,883	November 23	232	121	20·6	-	-	2	16	3	2	4
BERLIN -	1,489,672	" 23	132	75	17·1	-	-	3	9*	-	-	8
HAMBURG (State)	875,276	" 30	43	62	23·3	-	5	2	4	4	1	2
DRESDEN -	264,196	" 30	-	604	37·4	1	18	15	8	4	10	46
BRESLAU -	315,000	December 7	879	516	17·6	-	2	3	27	4	12	24
MUNICH -	281,000	November 30	428	204	18·5	-	-	1	9*	5	5	10
VIENNA -	811,434	" 30	155	94	18·5	?	3	-	11*	?	-	3
PRAGUE -	304,356	" 30	219	150	24·8	-	-	1	5*	-	1	2
BUDA-PESTH -	452,907	" 30	213	178	32·5	-	2	-	13*	-	1	29
TRIESTE -	158,084	" 30	477	362	23·2	-	10	2	4	2	1	14
ROME -	407,936	October 5	-	172	29·5	-	2	4	3	3	3	6
TURIN (10 days)	306,398	November 20	297	259	29·7	-	1	-	23	3	8	14
VENICE -	154,369	" 30	-	77	25·3	1	-	-	2*	2	-	4
CAIRO -	374,588	October 5	234	182	23·3	-	-	-	5	2	20†	25
ALEXANDRIA -	231,396	November 20	-	-	-	-	-	-	-	-	-	-
NEW YORK -	1,571,300	" 30	93	111	37·5	26	-	-	-	-	1	11
BROOKLYN -	834,607	" 21	449	397	55·3	-	-	-	7*	4	19	143
PHILADELPHIA -	1,040,245	" 21	220	165	37·2	-	-	-	3*	1	9	48
BALTIMORE -	500,343	" 23	-	612	20·3	-	6	5	14	7	10	16
		" 23	-	291	18·0	-	-	2	21	1	2	2
		" 23	-	327	16·4	-	-	6	7	-	10	2
		" 23	-	140	14·6	-	-	1	-	-	4	-

* Including deaths from croup.

† Including 7 and 8 deaths respectively from cholera in Calcutta, 3 in Bombay, and 1 in Madras.

‡ Including 14 deaths from malarial fever.

DATE.	ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sunshine, in hours.	Sun above Horizon, in hours.	GENERAL REMARKS.
DECEMBER.				
SUNDAY . 8	s. P. throughout .	0·0	7·9	Cloudy; slight fog. A little thin rain at night.
MONDAY . 9	m. P. generally .	0·0	7·9	Overcast generally; occasional rain.
TUESDAY . 10	m. P. till 1h. P.M.; m. N. till 3h. P.M.; s. P. afterwards.	0·0	7·9	Generally overcast, with occasional rain, till evening; cloudless afterwards.
WEDNESDAY 11	s. P. till afternoon; v. P. afterwards.	0·0	7·8	Cloudless with hoar frost, and slight fog in morning; partially cloudy and hazy till evening; cloudless at night.
THURSDAY 12	s. P. generally .	4·4	7·8	Very fine. Cloudless till evening; variable amounts of thin cloud afterwards. Hoar frost.
FRIDAY . 13	Insulation defective in morning; v. P. afterwards.	0·0	7·8	Overcast with rain in morning; cloudy till evening; dense fog at night.
SATURDAY . 14	s. P. till afternoon; m. P. afterwards.	0·0	7·8	Overcast; foggy. Gloomy at times.
No. of Oct.	28	Sum 4·4	Sum 64·9	
		29	30	

DATE.		ELECTRICITY. (For explanation of symbols, see Note.)	Registered Sun above Sunshine, in hours.	Sun Horizon, in hours.	GENERAL REMARKS.
DECEMBER.					
SUNDAY	8	s. P. throughout	0'0	7'9	Cloudy; slight fog. A little thin rain at night.
MONDAY	9	m. P. generally	0'0	7'9	Overcast generally; occasional rain.
TUESDAY	10	m. P. till 1h. P.M.; m. N. till 3h. P.M.; s. P. afterwards.	0'0	7'9	Generally overcast, with occasional rain till evening; cloudless afterwards.
WEDNESDAY	11	s. P. till afternoon; v. P. afterwards.	0'0	7'8	Cloudless with hoar frost and slight fog in morning; partially cloudy and hazy till evening; cloudless at night.
THURSDAY	12	s. P. generally	4'4	7'8	Very fine. Cloudless till evening; variable amounts of thin cloud afterwards. Hoar frost.
FRIDAY	13	Insolation defective in morning; v. P. afterwards.	0'0	7'8	Overcast with rain in morning; cloudy till evening; dense fog at night.
SATURDAY	14	s. P. till afternoon; m. P. afterwards.	0'0	7'8	Overcast; foggy. Gloomy at times.
		28	Sum 4'4	Sum 54'9	
No. of Obs.			29	30	

WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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General Register Office, Somerset House,
23rd December, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·5 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.		Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.
Birkenhead	15·8	14·2	23·9	14·8	Liverpool -	22·1	23·0	25·4	27·6
Birmingham	18·0	18·9	19·2	26·3	London -	17·4	20·2	21·2	21·8
Blackburn -	17·2	25·0	32·3	33·6	Manchester -	27·4	27·3	31·1	32·1
Bolton -	24·6	19·1	30·0	33·2	Newcastle-on-Tyne*	21·7	22·4	28·2	27·6
Bradford*	20·0	24·2	27·1	23·3	Norwich -	11·6	23·2	17·1	24·8
Brighton	15·0	16·7	18·0	14·1	Nottingham	16·0	17·3	20·4	18·9
Bristol -	16·6	19·8	20·5	23·4	Oldham -	19·1	19·1	31·9	27·4
Cardiff*	19·0	25·5	24·5	21·8	Plymouth -	32·0	36·7	34·7	24·9
Derby -	19·1	30·7	18·0	28·1	Portsmouth	13·7	19·2	25·9	22·5
Halifax	23·2	24·5	30·2	22·5	Preston -	19·0	26·5	26·0	26·5
Huddersfield	14·1	29·8	25·3	20·8	Salford*	17·8	21·6	22·0	21·4
Hull -	25·1	26·8	23·8	25·1	Sheffield -	20·4	21·2	23·1	24·6
Leeds -	22·5	25·4	27·0	24·8	Sunderland	30·3	21·8	28·8	21·8
Leicester*	14·6	18·0	19·4	17·0	Wolverhampton -	23·4	28·4	20·2	30·3

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·0 in Birmingham and in Newcastle-upon-Tyne, and 1·1 in Bradford; from *scarlet fever*, 1·2 in Liverpool and 4·0 in Plymouth; from *whooping-cough*, 1·0 in Newcastle-upon-Tyne and in Birkenhead, 1·4 in Bolton, 1·6 in Leeds and in Salford, 1·9 in Wolverhampton, and 2·7 in Bristol; and from "*fever*," 1·2 in Sunderland and 1·3 in Wolverhampton. The 52 deaths from *diphtheria* in the twenty-eight towns included 27 in London, 5 in Manchester, 3 in Salford, 3 in Sheffield, 3 in Portsmouth, 2 in Plymouth, 2 in Birmingham, and 2 in Newcastle-upon-Tyne. No death from small-pox was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 2513 BIRTHS and 1816 DEATHS were registered. Allowing for increase of population, the births were 122 below, while the deaths exceeded by 5, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which increased in the four preceding weeks from 16·5 to 21·2, further rose last week to 21·8. During the first twelve weeks of the current quarter the death-rate averaged 17·6 per 1000, and was 2·7 below the mean rate in the corresponding periods of the ten years 1879–88.

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last inter-censal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

The 1816 deaths included 35 from measles, 22 from scarlet fever, 27 from diphtheria, 60 from whooping-cough, 1 from typhus, 12 from enteric fever, 13 from diarrhoea and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 170 deaths were referred to these diseases, being 79 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; no case of this disease was under treatment on Saturday last in the Metropolitan Asylum Hospitals, and only 2 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 18, 41, and 30 in the three preceding weeks, rose again last week to 35, but were 41 below the corrected average; 3 belonged to Bethnal Green, 6 to Stepney, 3 to Mile End Old Town, and 5 to Lambeth sanitary areas. The deaths from *scarlet fever*, which had been 24 and 12 in the two previous weeks, rose again last week to 22, but were 22 below the corrected average; 2 belonged to Chelsea, 2 to Clerkenwell, 2 to St. Luke, 2 to Mile End Old Town, and 2 to Newington sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1594 scarlet fever patients on Saturday last, against numbers increasing in the twenty-five preceding weeks from 559 to 1667; 115 cases were admitted to these hospitals during the week, against 154 and 144 in the two preceding weeks. The deaths from *diphtheria*, which had been 47 and 35 in the two previous weeks, further declined last week to 27, but exceeded the corrected average by 5; 2 belonged to Hammersmith, 2 to Chelsea, 2 to Marylebone, 4 to Islington, 3 to Hackney, 2 to Mile End Old Town, 2 to Poplar, and 3 to Lambeth sanitary areas. The 60 fatal cases of *whooping-cough* showed a further increase upon the numbers in recent weeks, but were 2 below the corrected average; 3 belonged to Paddington, 3 to Chelsea, 4 to Bethnal Green, 3 to Stepney, 3 to Mile End Old Town, 3 to Bermondsey, 8 to Lambeth, 6 to Battersea, and 8 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 12 and 14 in the two previous weeks, were last week 13, and one below the corrected average; 5 were of infants aged under one year, and 3 of children aged between one and five years.

The deaths referred to *enteric fever*, which had been 15, 8, and 15 in the three preceding weeks, declined again last week to 12, and were 8 below the corrected average. The fatal case of typhus occurred in the Fever Hospital at Deptford, and was of a skin-puller, aged 28 years, admitted from Vauban Street, Bermondsey. The Metropolitan Asylum Hospitals contained 120 cases of enteric fever and 9 of typhus on Saturday last; 15 cases of enteric fever were admitted during the week, against 8, 11, and 16 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the eight preceding weeks from 281 to 552, declined again last week to 518, but exceeded the corrected average by 16.

Different forms of violence caused 69 deaths, concerning all but 2 of which inquests were held. Of these 69 deaths, 7 were cases of suicide and 3 of murder or manslaughter, while the remaining 59 were attributed to accident or negligence. Two of these were caused by vehicles in the streets, 13 by burns or scalds, 4 by poison, 9 by drowning, and 12 of infants aged under one year by suffocation.

GREATER LONDON.

In Greater London 3283 births and 2241 deaths were registered, corresponding to annual rates of 30·4 and 20·7 per 1000 of the estimated population. In the Outer Ring 19 deaths from whooping-cough, 10 from measles, 7 from diphtheria, 4 from scarlet fever, and 4 from "fever," were registered. Whooping-cough caused 4 deaths in Tottenham and 3 in Stratford sub-districts. Of the fatal cases of measles, 4 occurred in West Ham, 2 in Croydon, and 2 in Walthamstow sub-districts. Two deaths from scarlet fever and 2 from "fever" were also returned in Croydon sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·01 ins.; the highest reading was 30·30 ins. on Monday evening, and the lowest 29·45 ins. on Friday at noon. The mean temperature of the *air* was 43·5, and 3·2 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday and Thursday, but showed an excess on each of the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 12·9 miles per hour, which was 0·1 mile above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·33 of an inch. The duration of registered bright sunshine in the week was 2·1 hours, against 3·5 hours at Glynde Place, Lewes.

TABLE 2.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 21st December, 1889.

CITIES AND BOROUGH.	POPULATION estimated to the middle of the year 1889.	Registered during the week ending 21st Dec., 1889.				The DEATHS registered in the week include										TEMPERATURE OF THE AIR.					RAINFALL.		CITIES AND BOROUGH.			
		BIRTHS.				DEATHS.				Deaths of				Deaths from				Mean.				In Inches.		In Cent.		
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.		22.	23.	24.	Cols.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Cols.		
28 TOWNS.	9,555,406	5493	4304	848	1214	-	73	73	52	158	52	35	149	297	787	83	235	235	540	240	424	578	054	137	- 28 TOWNS.	
LONDON	4,351,738	2513	1816	364	529	-	35	22	27	60	13	13	39	156	419	22	218	210	531	332	485	639	033	084	LONDON.	
BRIGHTON	121,807	53	33	8	11	-	1	-	-	1	-	2	2	2	1	1	141	09	502	350	442	678	097	246	BRIGHTON.	
PORTSMOUTH	141,253	108	61	21	15	-	-	-	-	-	-	-	1	1	4	-	225	22	-	-	-	-	-	-	PORTSMOUTH.	
NORWICH	84,510	70	45	13	20	-	-	-	-	-	-	-	1	1	3	-	248	11	-	-	-	-	-	-	NORWICH.	
PLYMOUTH	78,225	49	41	7	11	-	-	-	-	-	-	-	-	3	2	-	274	54	320	335	431	617	055	140	PLYMOUTH.	
BRISTOL	229,361	136	103	16	43	-	2	1	-	12	1	-	4	9	17	2	234	36	525	301	440	607	045	114	BRISTOL.	
WOLVERHAMPTON	82,544	47	48	14	8	-	1	-	1	3	2	-	2	2	8	-	303	44	528	278	397	428	080	203	WOLVERHAMPTON.	
BIRMINGHAM	454,835	245	229	45	75	-	9	6	2	1	1	2	6	9	54	7	203	24	-	-	-	-	-	-	BIRMINGHAM.	
LEICESTER	160,520	88	49	7	15	-	-	1	1	-	-	-	3	5	11	2	170	10	-	-	-	-	-	-	LEICESTER.	
NOTTINGHAM	237,812	107	86	20	24	-	2	1	1	1	1	1	2	4	12	-	189	13	535	240	406	478	034	086	NOTTINGHAM.	
DERBY	18,629	52	53	14	19	-	-	-	1	-	-	-	-	3	7	11	-	891	15	-	-	-	-	-	DERBY.	
BIRKENHEAD	102,541	73	29	2	12	-	-	-	-	-	-	-	-	-	-	-	148	15	-	-	-	-	-	-	BIRKENHEAD.	
LIVERPOOL	606,562	312	321	61	55	-	5	14	-	11	5	1	15	18	57	20	276	31	540	356	453	739	110	279	LIVERPOOL.	
LONDON	114,670	57	73	20	24	-	-	-	-	3	-	1	2	4	6	-	332	23	-	-	-	-	-	-	-	LONDON.
MANCHESTER	378,800	231	233	41	50	-	2	4	5	3	6	3	10	26	53	6	321	32	-	-	-	-	-	-	-	MANCHESTER.
SALFORD	234,283	113	96	15	27	-	1	3	3	7	2	1	2	3	14	1	214	38	-	-	-	-	-	-	-	SALFORD.
OLDHAM	142,405	76	68	14	22	-	-	1	-	2	1	-	-	-	-	-	249	15	-	-	-	-	-	-	-	OLDHAM.
BLACKBURN	121,275	72	78	10	22	-	2	1	-	1	2	2	-	-	-	-	336	34	-	-	-	-	-	-	-	BLACKBURN.
PRESTON	104,194	62	53	13	12	-	1	-	-	-	-	3	1	2	5	2	265	20	-	-	-	-	-	-	-	PRESTON.
HUDDESFIELD	92,825	40	37	4	14	-	-	-	-	-	-	-	1	1	3	1	208	06	-	-	-	-	-	-	-	HUDDESFIELD.
HALIFAX	81,080	34	35	1	9	-	-	-	-	-	-	-	2	2	7	2	225	06	-	-	-	-	-	-	-	HALIFAX.
BRADFORD	255,056	113	105	22	31	-	5	-	-	3	2	-	4	6	14	1	233	22	520	292	426	589	042	107	BRADFORD.	
LEEDS	357,449	220	170	23	47	-	4	1	11	5	1	8	15	21	2	248	32	-	-	-	-	-	-	-	-	LEEDS.
SHEFFIELD	327,227	205	154	24	41	-	1	4	3	1	4	3	1	4	16	6	246	24	-	-	-	-	-	-	-	SHEFFIELD.
HULL	208,017	118	100	19	30	-	1	-	-	2	-	-	5	5	13	3	251	08	530	290	396	422	040	102	HULL.	
SUNDERLAND	184,163	107	66	14	11	-	2	1	-	3	-	-	1	3	4	1	218	23	-	-	-	-	-	-	-	SUNDERLAND.
NEWCASTLE	160,983	112	85	22	26	-	3	-	2	3	2	1	4	7	8	-	276	36	530	310	415	528	006	015	NEWCASTLE.	
CARDIFF	112,712	80	47	9	11	-	-	-	-	-	-	-	1	1	5	3	218	05	-	-	-	-	-	-	-	CARDIFF.
EDINBURGH	266,900	127	134	29	31	-	14	-	3	7	1	4	4	4	26	33	262	57	555	295	433	628	079	201	EDINBURGH.	
GLASGOW	528,144	327	304	68	53	-	11	1	4	14	3	2	6	6	45	29	300	35	542	325	434	633	104	264	GLASGOW.	
DUBLIN	363,082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DUBLIN.

* See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIFTY-FIRST Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	2594	2059	2467	2728	2579	2631	1965	2075	2406	2655	2634.5	2513
Males . .	1291	1024	1223	1456	1307	1329	1057	1040	1200	1368	1340.8	1267
Females .	1303	1035	1244	1272	1272	1302	908	1035	1206	1287	1293.7	1246
TOTAL Deaths	2204	1242	1655	2019	1609	1595	1408	1570	1502	1802	1810.8	1816
Males . .	1080	635	793	995	828	823	720	748	732	867	898.7	909
Females .	1124	607	862	1024	781	772	688	822	770	915	912.1	907

The numbers in this column are the average weekly numbers in the fifty-first weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.
TOTAL Births	2504	2364	2595	2518	2580	2623	2658	2522	2517	2321	2270	2535	2513
TOTAL Deaths	1361	1381	1321	1410	1310	1317	1350	1451	1375	1448	1683	1768	1816
Ages at Death													
{ 0–20 years	644	630	581	590	562	599	606	667	660	647	713	719	723
{ 20–40 "	186	201	187	209	163	200	181	188	176	184	196	227	216
{ 40–60 "	244	230	227	274	250	209	245	254	259	266	294	312	348
{ 60–80 "	245	261	263	272	283	253	265	265	222	292	392	418	424
{ at 80 years & upwds.	42	59	63	65	52	56	53	77	55	59	88	92	105
"													
{ Under 1 year	386	376	321	320	276	323	310	343	335	333	353	375	364
{ 1–5 "	165	172	175	187	200	212	209	235	233	227	265	247	261
{ 5–20 "	93	82	85	83	86	64	87	89	93	87	95	97	98
Deaths from Small-pox	-	-	-	-	-	-	1	-	-	-	-	-	-
" " Measles	7	9	13	23	17	22	20	33	33	18	41	30	35
" " Scarlet fever	22	20	15	25	27	20	23	24	17	19	24	12	22
" " Diphtheria	44	45	35	41	37	31	23	38	30	33	47	35	27
" " Whooping-cough	23	14	14	26	22	21	24	37	31	44	47	49	60
" " Typhus	2	-	1	1	1	-	-	1	-	-	-	-	1
" " Enteric fever	19	19	16	11	21	19	11	20	22	15	8	15	12
" " Simple Cont ^d fever	1	2	-	2	1	-	-	-	2	1	2	-	-
" " Diarrhoea and Dysentery	80	52	28	22	15	17	17	16	17	12	12	14	13
" " Cholera	-	1	-	-	-	-	1	-	-	-	-	-	-
" " all the above-mentioned Diseases	198	162	122	151	141	130	120	169	152	142	181	155	170
" " Dis. of Respiratory System	189	225	264	300	281	300	318	321	328	345	432	552	518
" " Phthisis	146	148	129	184	141	125	141	154	169	183	161	182	161
" " Dis. of Circulatory System	112	123	127	115	115	104	122	121	113	126	165	163	189
Violent Deaths	62	62	50	57	49	59	51	65	57	53	56	55	69
Inquest Cases	119	119	99	112	101	123	97	122	114	113	128	124	156
Deaths in Public Institutions	336	335	314	332	319	309	313	363	314	336	358	422	419
TEMPERATURE OF THE AIR													
Mean	50.6	48.9	49.8	49.4	46.7	47.3	47.3	46.8	44.9	37.6	32.1	33.1	43.5
Mean of Highest readings	58.9	56.7	58.4	57.8	53.7	54.0	53.3	52.7	48.2	43.4	35.8	42.5	47.3
Mean of Lowest readings	42.9	43.8	42.6	41.6	41.5	41.4	40.8	41.0	41.3	32.0	27.8	31.9	38.1
Humidity of the Air	80	89	82	88	94	88	90	93	94	84	85	92	94
Rain-fall in inches	0.85	0.90	0.57	0.70	1.07	0.78	0.26	0.01	0.13	0.32	0.23	0.23	0.33
Registered Sunshine (in hours)	17.4	10.0	31.1	17.3	8.1	23.1	3.9	11.9	0.0	5.9	8.4	4.4	2.1

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Gann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLanahan, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of Ages from different Causes in the FIFTY-FIRST Week of the Year 1889.

CAUSES OF DEATH.	Corrected Averages for the 51st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 21st December 1889.										CAUSES OF DEATH.	Corrected Averages for the 51st Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 21st December 1889.									
		Deaths of Persons of the Ages												Deaths of Persons of the Ages									
		ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.	Under 20.			20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.						
			0-1.	1-5.	5-20.						0-1.							1-5.	5-20.				
ALL CAUSES - -	1810·8	1816	364	261	98	216	348	424	105		Diseases of Organs of Special Sense † - -	2·3	3	-	-	2	-	1	-	-			
Small-pox { Vaccinated† - - - - - Unvaccinated - - - - - No Statement - - - - - }	8·5 {	-	-	-	-	-	-	-	-		Diseases of Circulatory System - - - - -	125·0	189	2	1	8	23	60	86	9			
Measles - - - - -	76·0	35	8	23	4	-	-	-	-		Croup - - - - -	16·1	14	2	10	2	-	-	-	-			
Scarlet Fever - - - - -	43·8	22	-	13	7	-	1	1	-		Bronchitis - - - - -	323·5	322	61	49	4	8	47	129	24			
Typhus - - - - -	0·5	1	-	-	-	1	-	-	-		Pneumonia - - - - -	114·7	123	54	28	12	17	18	12	2			
Relapsing Fever † - - - - -	0·0	-	-	-	-	-	-	-	-		Pleurisy - - - - -	5·2	4	-	-	-	-	-	-	-			
Induenza - - - - -	0·0	-	-	-	-	-	-	-	-		Other Diseases of Respiratory System - - - - -	42·4	55	10	9	3	3	16	13	1			
Whooping-cough - - - - -	62·3	60	23	36	1	-	-	-	-		Dentition † - - - - -	14·2	8	3	5	-	-	-	-	-			
Diphtheria - - - - -	22·2	27	1	15	9	-	1	1	-		Quinsy, Sore Throat † - - - - -	2·6	1	-	-	-	1	-	-	-			
Simple Continued and Ill-defined Fever - - - - -	1·5	-	-	-	-	-	-	-	-		Enteritis - - - - -	7·0	9	1	-	1	1	3	3	-			
Enteric Fever - - - - -	20·3	12	-	-	4	7	1	-	-		Peritonitis - - - - -	7·3	7	-	-	-	4	1	2	-			
Cholera - - - - -	0·1	-	-	-	-	-	-	-	-		Diseases of Liver - - - - -	23·2	20	-	-	-	4	12	4	-			
Diarrhoea, Dysentery - - - - -	13·8	13	5	3	-	-	2	3	-		Other Diseases of Digestive System - - - - -	28·4	29	7	3	-	4	5	9	1			
Remittent Fever† - - - - -	0·8	-	-	-	-	-	-	-	-		Diseases of Lymphatic System & of Ductless Glands † - - - - -	1·4	2	-	1	-	1	-	-	-			
Hydrophobia - - - - -	0·2	-	-	-	-	-	-	-	-		Diseases of Urinary System - - - - -	42·4	51	1	-	1	7	24	15	3			
Glanders - - - - -	0·0	-	-	-	-	-	-	-	-		Diseases of Generative System - - - - -	5·8	7	-	-	-	1	4	2	-			
Cowpox and Effects of Vaccination † - - - - -	0·0	-	-	-	-	-	-	-	-		Accidents of Childbirth - - - - -	3·5	1	-	-	-	1	-	-	-			
Veneral Affections - - - - -	9·8	10	5	2	-	1	1	1	-		Diseases of Locomotive System † - - - - -	8·7	9	-	-	2	4	2	1	-			
Erysipelas - - - - -	7·0	5	1	-	-	1	3	-	-		Diseases of Integumentary System - - - - -	7·4	8	2	2	-	-	2	2	-			
Pyæmia and Septicæmia † - - - - -	4·0	-	-	-	-	-	-	-	-		VIOLENT DEATHS.‡												
Puerperal Fever - - - - -	8·3	7	-	-	7	-	-	-	-		(ACCIDENT.)												
Other Zymotic Diseases † - - - - -	2·4	-	-	-	-	-	-	-	-		Fracture and Contusion - - - - -	22·0	19	-	1	2	4	4	7	1			
Thrush - - - - -	1·8	1	1	-	-	-	-	-	-		Gunshot Wound - - - - -	0·1	-	-	-	-	-	-	-	-			
Worms and other Parasitical Diseases - - - - -	0·9	-	-	-	-	-	-	-	-		Cut, Stab - - - - -	0·1	1	-	-	-	1	1	-	-			
Starvation, Want of Breast-milk † - - - - -	2·6	5	4	1	-	-	-	-	-		Burn and Scald - - - - -	7·4	13	4	4	3	1	1	-	-			
Alcoholism - - - - -	3·7	9	-	-	-	4	5	-	-		Poison - - - - -	1·6	4	-	-	-	2	2	-	-			
Rheumatic Fever,† Rheumatism of Heart† - - - - -	9·6	6	-	-	2	2	1	1	-		Drowning - - - - -	4·5	9	-	1	1	4	3	-	-			
Rheumatism † - - - - -	1·8	3	-	-	-	1	1	1	-		Suffocation - - - - -	17·7	12	12	-	-	-	-	-	-			
Gout - - - - -	2·9	3	-	-	-	-	1	2	-		Otherwise - - - - -	2·4	1	-	-	-	1	-	-	-			
Rickets† - - - - -	5·0	4	2	2	-	-	-	-	-		(HOMICIDE.)												
Cancer - - - - -	54·9	46	-	-	1	3	22	19	1		Murder & Manslaughter - - - - -	0·0	3	2	-	1	-	-	-	-			
Tabs Mesenterica - - - - -	21·4	15	8	5	1	-	1	-	-		(SUICIDE.)												
Tubercular Meningitis - - - - -	25·3	16	5	7	4	-	-	-	-		Gunshot Wound - - - - -	0·2	-	-	-	-	-	-	-	-			
Phthisis - - - - -	164·9	161	1	5	13	72	57	13	-		Cut, Stab - - - - -	2·5	4	-	-	-	3	1	-	-			
Scrofula, Tuberculosis - - - - -	14·8	13	8	3	-	1	-	1	-		Poison - - - - -	1·7	-	-	-	-	-	-	-	-			
Other Constitutional Diseases † - - - - -	12·0	14	-	-	1	5	6	2	-		Drowning - - - - -	0·9	2	-	-	-	1	-	1	-			
Premature Birth - - - - -	36·6	33	33	-	-	-	-	-	-		Hanging - - - - -	1·1	-	-	-	-	-	-	-	-			
Atelactæsis † - - - - -	1·8	1	1	-	-	-	-	-	-		Otherwise - - - - -	0·4	1	-	-	-	-	-	1	-			
Congenital Malformations - - - - -	5·7	7	5	1	-	1	-	-	-		(EXECUTION.)												
Old Age - - - - -	59·2	85	-	-	-	-	-	35	59		Hanging - - - - -	0·1	-	-	-	-	-	-	-	-			
Apoplexy - - - - -	47·7	48	3	-	-	5	13	22	5		OTHER CAUSES † - - - - -	61·6	62	54	1	-	-	4	2	1			
Epilepsy - - - - -	5·8	9	-	1	-	3	3	2	-														
Convulsions - - - - -	52·2	58	45	13	-	-	-	-	-														
Other Diseases of Brain and Nervous System† - - - - -	91·7	91	10	16	8	8	11	31	7														

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 2·044 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading: "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death is the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE E. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET
during the Week ending

The DEATHS registered in the Week include																						
REGISTRATION		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of		Deaths from													Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
SUB-DISTRICTS.					Infants under 1 Year of Age.	Persons aged 60 Years upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Erysipelas (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.						
LONDON		3,815,704	2513	1816	364	529	-	35	22	27	60	1	12	-	13	69	156	419	22			
WEST DISTRICTS		689,688	373	295	56	88	-	4	6	7	11	-	4	-	2	9	25	70	3			
NORTH DISTRICTS		905,947	556	392	76	123	-	4	5	10	5	-	2	-	4	19	41	94	-			
CENTRAL DISTRICTS		282,238	153	110	22	23	-	2	3	1	1	-	-	-	-	5	12	26	2			
EAST DISTRICTS		692,738	525	418	89	122	-	15	1	4	13	-	2	-	4	19	43	115	1			
SOUTH DISTRICTS		1,265,148	906	599	121	173	-	10	5	5	30	1	4	-	3	17	30	112	16			
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION		-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-			
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WEST DISTRICTS.																						
St. Mary Paddington WHH G.J. & W.M.		66888	35	29	9	10	-	2	-	1	3	-	-	-	-	1	1	8	-			
St. John Paddington H - - G.J.		37389	12	18	1	9	-	-	-	-	-	1	-	-	-	1	4	5	-			
Kensington Town Ww - - W.M.		120141	61	34	10	14	-	-	-	1	1	-	1	-	-	2	6	7	-			
Brompton H - - W.M. & C.		48010	14	12	1	4	-	-	-	-	-	-	-	-	-	-	1	-	-			
St. Peter Hammersmith - - W.M.		7899	4	6	1	4	-	-	-	-	-	-	-	-	-	-	1	4	-			
St. Paul Hammersmith H W.M. & G.J.		64340	50	31	8	5	-	-	-	4	2	2	-	-	-	-	1	11	-			
Fulham Ww - - W.M. & C.		42900	68	40	7	7	-	-	-	-	-	-	-	-	-	-	1	7	-			
Chelsea South HHH - - C.		30396	14	21	5	5	-	2	1	2	-	-	-	-	2	-	1	8	-			
Chelsea North-west WHHHH C.		24925	20	15	1	9	-	-	-	-	3	-	-	-	-	1	1	-	-			
Chelsea North-east - - C.		32807	22	12	4	2	-	-	-	-	-	-	-	-	-	-	1	7	-			
May Fair WW - - G.J.		80353	9	9	1	4	-	-	-	-	-	-	1	-	-	1	7	-	2			
Belgrave WWWW - - C.		59220	14	30	1	6	-	-	-	-	-	-	-	-	-	-	1	7	-			
St. John Westminster HHH - - C.		35496	16	16	5	1	-	-	-	1	-	-	-	-	-	-	1	3	-			
St. Margaret Westminster H - - C.		24679	16	11	-	5	-	-	-	-	-	-	-	-	-	-	-	2	-			
St. James Westminster WHH N.R. & G.J.		29941	16	9	1	3	-	-	1	-	-	-	-	-	-	-	-	1	-			
St. Anne Soho HHHHHH - N.R.		16608	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH DISTRICTS.																						
All Souls Marylebone HHHHH W.M.		26759	7	16	4	3	-	-	-	2	-	-	-	-	-	2	4	7	-			
Cavendish Square HHHH - - W.M.		14891	2	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-			
Rectory Marylebone WH G.J. & W.M.		24809	14	4	7	2	-	-	-	-	-	-	-	-	-	-	1	-	-			
St. Mary Maryleb. HHH G.J. & W.M.		21118	21	7	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-			
Christchurch Marylebone HHH - W.M.		38700	13	19	6	3	-	-	-	1	-	-	-	-	1	1	1	-	-			
St. John Marylebone H - - W.M.		35688	21	9	2	3	-	-	-	-	-	-	-	-	-	-	1	-	-			
Hampstead WwvHHHH N.R. & W.M.		45452	39	13	3	4	-	-	1	1	-	-	-	-	-	1	1	4	-			
Regent's Park Paneras H - - W.M.		39115	20	19	6	4	-	-	-	-	-	-	-	-	-	1	1	2	-			
Tottenham-court WHHHH N.R. & W.M.		27729	10	23	2	3	-	-	1	3	-	-	-	-	-	-	1	1	19			
Gray's Inn Lane HHH - - N.R.		30247	16	9	1	3	-	-	-	-	-	-	-	-	-	-	1	2	1			
Somers Town H - - N.R.		34369	20	14	2	4	-	1	-	-	-	-	-	-	-	-	1	2	1			
Camden Town WH - - N.R.		17811	9	16	3	8	-	-	-	-	-	1	-	-	1	-	-	11	-			
Kentish Town W - - N.R.		87487	56	36	4	15	-	-	-	-	-	-	-	-	-	-	3	11	-			
Upper Holloway WwvH - - N.R.		67946	64	45	8	14	-	-	1	1	-	1	-	-	-	2	4	13	-			
Islington South-west HH - - N.R.		100976	73	32	7	11	-	-	-	-	1	-	-	-	-	-	2	2	-			
Islington South-east - - N.R.		61825	28	24	5	7	-	1	-	-	-	-	-	-	-	-	1	3	-			
Highbury H - - N.R.		52048	27	18	3	5	-	-	-	1	1	-	-	-	-	-	1	2	-			
Stoke Newington H - - N.R.		22781	12	5	-	3	-	-	-	-	-	-	-	-	-	-	1	1	-			
Stamford Hill - - E.L.		9277	11	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney H - - N.R.		87610	32	15	2	6	-	-	-	-	-	-	-	-	-	-	2	4	1			
Hackney WwvH - - E.L. & N.R.		76911	45	40	9	19	-	-	1	3	5	-	-	-	-	-	1	5	22			
South Hackney - - E.L.		39893	26	15	4	4	-	1	-	-	-	-	-	-	1	1	1	-	-			
CENTRAL DISTRICTS.																						
St. George Bloomsbury - - N.R.		16681	9	6	1	1	-	-	-	-	-	-	-	-	-	1	2	-	-			
St. Giles South WH - - N.R.		14864	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles North - - N.R.		18887	5	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.		17508	4	7	1	1	-	-	-	-	-	-	-	-	-	-	1	4	-			
St. Mary-le-Strand H - - N.R.		7515	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - - N.R.		8569	5	10	1	1	-	-	-	-	-	-	-	-	-	1	1	6	1			
Strand Union Workhouse, Edmonton w.		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-			
St. Geo.-the-Martyr HHHHHH N.R.		18671	9	8	1	1	-	-	-	-	-	-	-	-	-	-	-	1	4			
St. Andrew Eastern W - - N.R.		10706	8	4	1	1	-	-	-	1	-	-	-	-	-	1	1	1	-			
Saffron Hill H - - N.R.		6538	8	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell - - N.R.		17516	15	5	3	2	-	-	-	-	-	-	-	-	-	-	1	2	-			
Amwell Clerkenwell - - N.R.		12981	11	6	2	-	-	1	-	-	-	-	-	-	-	-	-	1	-			
Fentonville - - N.R.		14773	8	6	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-			
Jewell-street - - N.R.		17506	8	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Old-street H - - N.R.		11641	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1			
City-road HHL - - N.R.		18628	23	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Whitecross-street - - N.R.		9217	10	2	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-			
Finsbury - - N.R.		7463	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Holborn Union Workhouse, Mitcham, w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph H - - N.R. & E.L.		11174	6	3	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-			
Cripplegate - - N.R.		7193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - - N.R.		6358	2	13	1	3	-	-	-	-	-	-	-	-	-	1	2	9	1			
St. Bride W - - N.R.		8396	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking - - N.R.		13666	3	4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-			
Broad Street H - - N.R.		5652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands, see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.*, the Grand Junction Company; *W.M.*, West Middlesex; *C.*, Chelsea; *S.*, Southwark and Vauxhall; *L.*, Lambeth; *N.R.*, New River; *E.L.*, East London and *K.*, the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT
tuesday, the 21st December, 1889.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Deaths.	The DEATHS registered in the Week include														
				Deaths of 1 Year of Age.	Deaths from													
					Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.
EAST DISTRICTS.																		
olywell Shoreditch	N.R. & E.L.	7376	11	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch	HL*	14967	10	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Martin New Town	-	29987	24	21	3	11	-	-	-	-	-	-	-	-	-	-	10	-
St. Martin Old Town	-	28036	22	14	3	3	-	-	-	-	-	-	-	-	-	-	-	-
St. George's North	N.R. & E.L.	46275	33	25	3	4	-	1	-	1	1	-	-	-	4	5	-	-
St. Paul Green North	H	61157	42	21	6	3	-	-	-	1	-	-	1	-	-	5	-	-
St. Paul Green South	-	34399	37	14	3	5	-	-	3	-	2	-	-	-	-	-	-	-
St. Paul Green East	WHL*	41403	31	30	8	12	-	-	-	1	-	-	-	-	-	14	-	-
St. Paul's Fields	E.L. & N.R.	22585	11	7	2	3	-	-	-	1	-	-	-	-	-	1	-	-
St. Paul's New Town	W	15473	11	21	3	9	-	-	-	-	-	-	-	-	-	2	14	-
St. Paul's Church	H	17490	13	22	2	2	-	-	-	-	-	-	-	-	3	3	13	-
St. Paul's Fields	-	9713	3	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-
St. Paul's Fields	-	6102	5	4	1	1	-	1	-	-	-	-	-	-	-	-	-	-
St. George's North	-	38747	40	12	7	1	-	1	-	-	-	-	-	-	-	-	-	-
St. John, St. George East	W	8410	6	9	1	7	-	-	-	-	-	-	-	-	-	7	-	-
St. Andrew H.	-	10895	13	6	-	-	-	-	-	-	-	-	-	-	-	-	6	-
St. Andrew H.	-	16107	8	7	1	1	-	1	-	-	2	-	-	-	-	-	-	-
St. Andrew H.	-	32041	9	18	5	4	-	5	-	-	1	-	-	-	-	1	-	-
St. Andrew Old Town West	H	37600	26	14	5	-	-	2	-	1	-	-	-	-	1	3	-	-
St. Andrew Old Town East	WHL	67653	48	52	7	10	-	1	1	-	3	-	-	-	1	4	13	-
St. Andrew L*	-	37074	32	21	4	5	-	-	-	1	-	-	1	-	-	2	4	1
St. Andrew WWH	-	64359	51	55	10	19	-	-	-	-	-	-	-	-	1	3	8	1
St. Andrew WWH	-	55077	39	31	7	10	-	-	-	1	-	-	-	-	1	3	6	3
SOUTH DISTRICTS.																		
St. Andrew Church Southwark	WH	12663	17	8	-	5	-	-	-	-	-	-	-	-	-	-	2	-
St. Andrew Church Southwark	-	14999	-	6	1	1	-	-	-	-	-	-	-	-	-	1	-	-
St. Andrew Church Southwark	-	21381	17	10	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	15953	10	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	21313	16	7	3	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	26672	19	12	2	2	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	59555	30	27	2	11	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	21623	9	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	11956	11	14	2	2	-	1	-	-	-	-	-	-	-	1	5	-
St. Andrew Church Southwark	-	16800	13	10	1	2	-	1	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	15699	11	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	54682	36	25	12	4	-	-	-	-	-	-	-	-	-	2	6	1
St. Andrew Church Southwark	-	36024	21	15	2	7	-	1	-	-	-	-	-	-	-	1	7	1
St. Andrew Church Southwark	-	35195	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	16351	22	10	3	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	19876	14	13	1	-	-	-	-	-	1	-	-	-	-	3	3	9
St. Andrew Church Southwark	-	39859	33	35	6	14	-	-	-	-	-	-	-	-	-	1	1	18
St. Andrew Church Southwark	-	45232	35	19	5	7	-	-	-	-	2	-	-	-	-	1	-	2
St. Andrew Church Southwark	-	35332	11	14	4	5	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	62837	45	25	5	7	-	-	-	-	1	3	-	1	-	-	-	-
St. Andrew Church Southwark	-	19017	11	8	1	3	-	1	-	-	1	-	-	-	-	-	3	-
St. Andrew Church Southwark	-	54675	56	19	6	5	-	-	-	-	2	-	-	-	-	-	1	-
St. Andrew Church Southwark	-	51587	50	31	5	11	-	-	-	-	-	-	-	-	-	-	9	-
St. Andrew Church Southwark	-	36380	15	17	1	10	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Church Southwark	-	28004	22	13	4	3	-	-	-	-	-	-	-	-	-	-	4	-
St. Andrew Church Southwark	-	13235	6	5	2	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	25553	26	8	2	3	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	5590	3	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	59104	42	36	3	15	-	-	-	-	-	-	-	-	-	-	21	-
St. Andrew Church Southwark	-	71089	59	33	8	10	-	-	-	-	5	-	-	-	-	-	1	2
St. Andrew Church Southwark	-	50810	41	26	6	5	-	-	-	-	1	-	-	-	-	3	4	-
St. Andrew Church Southwark	-	76732	50	35	5	11	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	7901	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	21972	13	8	3	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	24608	31	14	2	6	-	-	-	-	-	-	-	-	-	1	1	8
St. Andrew Church Southwark	-	5048	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	21559	10	7	1	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	19865	16	8	2	2	-	1	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	26076	19	12	4	2	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	10930	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	17617	9	9	1	1	-	-	-	-	-	-	-	-	-	-	-	1
St. Andrew Church Southwark	-	19048	11	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	14009	4	7	2	1	-	-	-	-	1	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	19241	22	13	2	4	-	-	-	-	-	-	-	-	-	-	10	-
Metropolitan Asylum Hospitals:																		
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Andrew Church Southwark	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the
Table by w:-

St. Andrew H. in Kensington Town sub-district.
Central London Sick Asylum, in Tottenham Court-road sub-district.
Hoborn Infirm, in Upper Holloway sub-district.
London City Workhouse, in Hoxton New Town sub-district.
Hoxton New Town sub-district, in Mile End Old Town Eastern sub-district.
Mile End Old Town Eastern sub-district, in Edmonton and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
Metropolitan Asylum Hospitals, in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
Private Lunatic Asylums in which paupers are received.
† On the 1st of October the Registration District of Bethnal Green was re-divided into three instead of four registration sub-districts.

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS REGISTERED during the Week ending Saturday, 21st December, 1889.

Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	The DEATHS registered in the Week include:													Deaths in Public institutions.	Uncertified Causes of Death.
						Deaths of		Deaths from												
						Infants under 1 Year of Age.	Persons aged 40 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Hæmorrhage.	Violence.	Inquest Cases.				
LONDON—OUTER RING		370,924	950,957	770	425	93	187	-	10	4	7	19	4	1	9	24	52	8		
30: 1	Carshalton <i>wL</i>	12228	21118	14	7	-	1	-	-	-	-	-	-	-	-	-	-	5		
2	Epsom (<i>part of</i>) * <i>WwH</i>	9971	10710	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
37: 1	Godstone (<i>part of</i>) *	2754	1235	-	2	-	2	-	-	-	-	-	-	-	-	1	1	-		
38: 1	Croydon <i>WwFHI</i>	90851	101241	61	41	9	14	-	2	2	-	2	2	-	1	4	11	-		
2	Mitcham <i>w†</i>	11697	17932	13	8	2	2	-	-	-	-	-	-	-	-	1	-	-		
39: 1	Wimbledon <i>HHH</i>	3220	15950	11	7	3	1	-	-	-	-	1	-	-	-	-	-	-		
2	Kingston <i>WHH</i>	8549	36354	23	12	3	3	-	-	-	-	-	-	-	1	2	1	-		
3	Esher (<i>part of</i>) *	6601	9221	12	6	2	2	-	-	-	-	1	-	-	-	-	-	-		
4	Hampton <i>H</i>	4373	13539	15	6	-	5	-	-	-	-	-	-	-	1	1	-	-		
40: 1	Richmond <i>WH</i>	2272	21302	19	10	-	6	-	-	1	-	1	-	-	-	-	1	-		
2	Mortlake	2941	12331	3	5	1	1	-	-	-	-	-	-	-	-	-	-	-		
41: 1	Bromley (<i>pt. of</i>) * <i>HH</i>	15869	31142	29	7	1	2	-	-	-	-	-	-	-	1	1	-	-		
2	Chislehurst(<i>pt. of</i>) * <i>WHH</i>	14307	15844	18	5	-	4	-	-	-	-	-	-	-	-	-	2	-		
42: 1	Bexley <i>H</i>	18437	24134	17	12	2	4	-	-	-	-	1	1	-	1	1	-	-		
2	Dartford (<i>Ww, pts. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
124: 1	Sunbury <i>w</i>	11055	11685	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Staines <i>W</i>	13277	12069	11	12	3	5	-	-	-	-	1	-	-	-	2	4	-		
125: 1	Hillingdon <i>WHH</i>	6029	10802	8	3	-	-	-	-	-	-	-	-	-	-	-	2	-		
2	Uxbridge	6173	3225	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3	Hayes <i>wHL</i>	14537	11523	9	7	-	2	-	-	-	2	-	-	-	-	-	4	-		
126: 1	Isleworth <i>WHH</i>	7008	22727	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Twickenham <i>H</i>	2477	12479	7	4	1	-	-	-	-	-	1	-	-	-	-	-	-		
3	Brentford <i>HL</i>	4345	27649	15	8	1	3	-	-	-	2	2	-	-	-	-	-	-		
4	Chiswick	1340	15975	11	8	1	4	-	-	1	-	-	-	-	-	1	-	-		
5	Acton <i>wH</i>	6083	22376	18	12	4	6	-	-	-	-	-	-	-	-	-	-	-		
127: 1	Harrow <i>H</i>	13809	12796	2	4	-	2	-	1	-	-	-	-	-	-	-	-	-		
2	Edgware <i>H</i>	6094	3749	2	2	-	2	-	-	-	-	-	-	-	-	1	-	-		
3	Willesden	4583	27453	40	15	5	3	-	-	-	-	-	-	1	-	1	-	1		
4	Hendon <i>W</i>	8382	10484	5	4	1	-	-	-	-	-	-	-	-	-	-	1	1		
137: 1	Bushey	9331	6621	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Watford (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
138: 1	South Mimms	15599	6391	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Barnet	5433	10092	4	3	-	2	-	-	-	-	-	-	-	-	-	1	-		
3	Finchley <i>HL</i>	4688	17615	17	6	2	1	-	-	-	-	-	-	-	-	-	2	-		
135: 1	Hatfield (<i>part of</i>) *	3306	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
139: 1	Hornsey <i>H</i>	3039	37078	30	15	4	3	-	-	-	1	-	-	-	-	-	-	-		
2	Tottenham <i>H</i>	4642	46456	54	32	9	7	-	-	-	2	4	-	-	1	2	2	1		
3	Edmonton <i>Ww†</i>	7453	23463	16	13	-	7	-	-	-	-	-	-	-	-	1	5	-		
4	Enfield <i>WH</i>	12653	19104	20	5	-	2	-	-	-	-	-	-	-	-	-	-	-		
5	Waltham Abbey	11017	5348	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
6	Cheshunt	8490	7735	2	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
146: 1	Stratford	882	38006	23	14	3	1	-	-	-	-	3	-	-	-	-	-	-		
2	West Ham <i>wwwH‡</i>	7351	101033	111	60	24	11	-	4	-	-	2	1	-	2	4	1	1		
3	Leyton <i>WwL</i>	4372	33430	36	30	5	17	-	1	-	-	-	-	-	-	-	9	1		
4	Walthamstow <i>H</i>	6520	28869	36	21	5	7	-	2	-	-	-	-	-	1	1	-	2		
147: 1	Chigwell (<i>part of</i>) * <i>H</i>	11761	9659	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Epping (<i>W, pt. of</i>) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
149: 1	Romford (<i>part of</i>) * <i>W</i>	6730	3411	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
2	Ilford	8493	7645	5	2	-	1	-	-	-	-	-	-	-	-	-	-	-		
3	Barking Town	4127	9203	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-		

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—
 20: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st December, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include														
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from										Deaths in Public Institutions.		
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoea.	Violence.					
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.				
GREATER LONDON	448,334	5,642,015	20·7	2·0	2241	457	666	-	45	26	34	79	17	14	78	471				
INNER LONDON -	77,410	4,351,738	21·8	2·0	1816	364	529	-	35	22	27	60	13	13	69	419				
OUTER RING -	370,924	1,290,277	17·2	1·8	425	93	137	-	10	4	7	19	4	1	9	52				

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of	DEATHS. Stillborn	ANNUAL DEATH-RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOVIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoeal Diseases.	
CALCUTTA -	433,210	November 2	-	238	28·6	1	-	-	-	1	73	46†	
BOMBAY -	773,196	" 19	355	420	24·0	-	-	?	?	?	124	46†	
MADRAS -	398,777	" 1	306	294	38·2	-	6	-	-	-	99	60	
PARIS -	2,260,945	December 14	1083	1188	27·3	-	17	2	20*	13	51	52	
BRUSSELS - (th 8 Faubourgs.)	471,606	" 14	268	184	20·3	-	-	1	-	6	4	16	
AMSTERDAM -	403,083	" 14	281	164	21·4	-	1	-	4	-	-	-	
ROTTERDAM -	197,723	" 14	137	83	21·7	-	-	-	1	-	-	1	
THE HAGUE -	153,440	" 14	86	63	21·3	-	-	-	-	-	-	-	
OPENHAGEN -	307,000	" 14	197	132	22·4	-	1	2	5	3	-	1	
STOCKHOLM -	228,218	" 7	160	80	18·2	-	-	5	4*	1	-	2	
CHRISTIANIA -	138,300	" 14	76	66	24·8	-	4	1	5	3	-	6	
S. PETERSBURG -	842,883	November 30	-	733	45·4	1	16	15	12	3	17	47	
BERLIN -	1,489,672	" 30	898	587	20·0	-	3	5	35	8	15	27	
LAMBURO (State) -	675,276	December 7	413	218	19·8	-	-	-	12*	7	2	14	
DRESDEN -	264,196	" 7	150	87	17·1	-	-	1	8*	?	-	5	
BRISLAU -	315,000	" 14	188	171	28·2	-	-	1	10*	-	1	8	
MUNICH -	281,000	" 7	201	123	22·8	-	2	1	9*	4	-	9	
VIENNA -	811,434	" 7	482	369	23·6	2	9	1	9	-	1	15	
PRAGUE -	304,356	" 7	-	149	25·5	2	5	6	7	2	1	3	
VIENNA-PESTH -	452,907	" 7	330	241	27·7	-	1	3	12	1	14	18	
TRIESTE -	158,084	" 7	-	79	26·0	-	-	-	3*	-	2	4	
ROME -	407,936	October 12	247	152	23·3	-	1	1	4	-	20†	24	
VENICE (10 days) -	306,398	November 20	226	190	22·6	-	4	-	4	-	7	22	
VENICE -	154,369	December 7	84	119	40·2	24	-	-	1	-	-	15	
CAIRO -	374,838	November 28	370	359	50·0	1	-	-	4*	4	18	119	
ALEXANDRIA -	231,396	" 28	219	167	37·7	4	-	-	2*	1	6	44	
NEW YORK -	1,571,300	" 30	-	566	18·8	-	3	8	17	6	8	15	
BROOKLYN -	884,607	" 30	-	292	18·1	-	-	1	23	3	8	1	
PHILADELPHIA -	1,040,245	" 30	-	360	18·1	-	-	9	16	-	7	2	
BALTIMORE -	500,343	" 30	-	152	15·9	-	-	1	6	1	5	1	

* Including deaths from croup.

† Including 9 deaths from cholera in Calcutta, and 5 in Bombay.

‡ Including 15 deaths from malarial fever.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, DECEMBER 21ST, 1889.
[Under the Superintendence of the Astronomer Royal.]

[Under the Superintendence of the Astronomer Royal.]																									
TEMPERATURE.													Wind as deduced from Anemometers.						Rain collected in a Gauge whose receiving surface is 5 inches above the level of the Ground.						
1889.	MONTH AND DAY.	Phases of the Moon.	TEMPERATURE.					Difference between the Air Temperature and Dew Point Temperature.			Degree of Humidity (equal to 100).	Of Radiation.		Of the Water of the Thames at Deptford.		Osler's.		Pressure on the Square Foot.		Robinson's.		in. in. 0.00			
			Of the Air.		Dew Point.	Of the Air.		Mean daily value.	Great-est.	Least.		High-est in Rays.	Low-est in Grass.	High-est.	Low-est.	General Direction.	Great-est.	Least.	Mean of 3 hourly obs.	Horizontal Movement of the Air at Deptford.	Departure from the Average of 10 Years.				
			High-est.	Low-est.		Mean daily value.	Great-est.																Least.		
DECEMBER.																									
SUN.	15	Last Qr.	30.268	42.1	33.4	8.7	38.8	— 2.3	37.2	0.0	94	50.0	29.6	39.6	38.9	SW. & W.S.W.	W.S.W. & S.W.	0.0	0.0	0.0	161	— 148	0.00	0.0	
MON.	16	..	30.276	47.9	37.2	10.7	44.7	+ 3.9	43.8	0.0	97	50.2	30.1	39.8	39.2	SW. & W.S.W.	W.S.W. & S.W.	0.9	0.0	0.0	183	— 126	0.02	0.0	
TUES.	17	In Equator.	30.273	53.1	47.7	5.4	50.7	+ 10.2	49.9	0.0	97	56.4	45.2	40.4	39.7	SSW. & S.W.	SSW. & S.W.	1.4	0.0	0.2	334	+ 24	0.01	1.2	
WED.	18	..	30.073	50.6	44.4	6.2	48.1	+ 7.9	46.6	0.0	95	53.8	42.5	41.4	40.8	SW.	SSW. & N.	3.7	0.0	0.8	401	+ 91	0.04	3.8	
THURS.	19	..	30.001	44.4	39.2	11.2	38.9	— 1.1	36.8	0.0	92	53.0	25.5	42.0	41.3	N. & S.W.	S.W. & S.S.W.	0.7	0.0	0.0	176	— 134	0.00	1.2	
FRI.	20	..	29.547	45.8	35.7	10.1	40.7	+ 0.9	38.9	0.0	93	49.0	30.5	42.1	41.6	SSW.	W. & S.W.	5.8	0.0	1.3	405	+ 186	0.10	3.8	
SAT.	21	..	29.580	47.3	35.0	12.3	42.5	+ 2.9	40.3	0.0	92	49.8	30.0	42.5	42.0	SW. & S.S.W.	SW. & S.S.W.	5.0	0.0	0.7	425	+ 118	0.16	1.5	
MEANS	..	..	30.011	47.3	38.1	9.2	43.5	+ 3.2	41.9	0.0	94	51.7	33.3	41.1	40.5	SW.		..	..	..	Sum 2175	Sum + 11	0.33	1.6
																						Sum 2175	Sum + 11	0.33	1.6
																						24	25	26	27

DATE.		ELECTRICITY.		Registered Sun above Sunshine, in hours.		GENERAL REMARKS.	
DECEMBER.							
SUNDAY 15	s. P. generally.	0.0	7.8	0.0	7.8	Generally overcast, with slight fog; gloomy in afternoon.	
MONDAY 16	m. P. throughout.	0.0	7.8	0.0	7.8	Variable in early morning; overcast afterwards, with occasional slight rain from afternoon.	
TUESDAY 17	In-solation defective in P. in morning; generally afterwards.	0.0	7.7	0.0	7.7	Overcast; slight rain in early morning.	
WEDNESDAY 18	w. P. in morning; m. P. afterwards.	0.0	7.7	0.0	7.7	Overcast; frequent slight rain.	
THURSDAY 19	s. P. throughout.	2.1	7.7	0.0	7.7	Cloudless in morning, with dense fog between 2.15 A.M. and 1.15 P.M.; very fine with little cloud till evening; generally overcast at night.	
FRIDAY 20	w. P. in morning; s. P. afterwards.	0.0	7.7	0.0	7.7	Overcast with frequent rain till afternoon; generally cloudless afterwards.	
SATURDAY 21	m. P. generally, with s. N. between 6h. P.M. and 7h. P.M.	0.0	7.7	0.0	7.7	Cloudless in morning; generally overcast afterwards, with frequent rain.	
MEANS		2.1	Sum 54.1	2.1	Sum 54.1		

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of correction tables from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1873.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight, from 30.15 in. at the beginning of the week to 30.20 in. by 9h. A.M. on the 16th; decreased to 30.14 in. by 3h. P.M. on the 18th; increased to 30.17 in. by 9h. A.M. on the 19th; decreased to 29.45 in. by noon on the 20th; increased to 29.65 in. by 9h. A.M. on the 21st; decreased to 29.45 in. by noon on the 22nd; increased to 29.65 in. by 9h. A.M. on the 23rd; decreased to 29.45 in. by noon on the 24th; increased to 29.65 in. by 9h. A.M. on the 25th; decreased to 29.45 in. by noon on the 26th; increased to 29.65 in. by 9h. A.M. on the 27th; decreased to 29.45 in. by noon on the 28th; increased to 29.65 in. by 9h. A.M. on the 29th; decreased to 29.45 in. by noon on the 30th; increased to 29.65 in. by 9h. A.M. on the 31st; decreased to 29.45 in. by noon on the 1st of January 1890; increased to 29.65 in. by 9h. 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WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,
30th December, 1889.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·9 per 1000 of their aggregate population, which is estimated at *9,555,406 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

TOWNS.	Weeks ending				TOWNS.	Weeks ending			
	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.		Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.
Birkenhead	14·2	23·9	14·8	20·4	Liverpool -	23·0	25·4	27·6	26·7
Birmingham	18·9	19·2	26·3	20·4	London -	20·2	21·2	21·8	20·3
Blackburn	25·0	32·3	33·6	31·4	Manchester	27·3	31·1	32·1	26·6
Bolton	19·1	30·0	33·2	21·8	Newcastle-on-Tyne*	22·4	28·2	27·6	26·6
Bradford*	24·2	27·1	23·3	19·3	Norwich -	23·2	17·1	24·8	11·6
Brighton	16·7	18·0	14·1	20·1	Nottingham	17·3	20·4	18·9	16·9
Bristol	19·8	20·5	23·4	21·4	Oldham	19·1	31·9	24·9	22·7
Cardiff*	25·5	24·5	21·8	19·0	Plymouth	36·7	34·7	27·4	28·7
Derby	30·7	18·0	28·1	26·0	Portsmouth	19·2	25·9	22·5	25·1
Halifax	24·5	30·2	22·5	23·2	Preston	26·5	26·0	26·5	27·0
Huddersfield	29·8	25·3	20·8	18·5	Salford*	21·6	22·0	21·4	24·5
Hull -	26·8	23·8	25·1	25·3	Sheffield	21·2	23·1	24·6	21·5
Leeds	25·4	27·0	24·8	25·8	Sunderland	21·8	28·8	21·8	24·1
Leicester*	18·0	19·4	17·0	19·4	Wolverhampton	28·4	20·2	30·3	25·3

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Bristol; from *scarlet fever*, 1·3 in Salford, 1·5 in Preston, and 2·7 in Plymouth; from *whooping-cough*, 1·1 in Derby, 1·2 in Liverpool, 1·3 in Halifax and in Blackburn, 1·8 in Leeds and in Portsmouth, 2·0 in Bristol, and 2·5 in Wolverhampton; and from "*fever*," 1·3 in Plymouth and in Halifax. The 52 deaths from *diphtheria* in the twenty-eight towns included 26 in London, 6 in Manchester, 6 in Salford, 4 in Hull, 2 in Liverpool, and 2 in Plymouth. No death from small-pox was registered in any of the twenty-eight great towns.

LONDON.

In LONDON 1815 BIRTHS and 1690 DEATHS were registered. Allowing for increase of population, the births were 587, and the deaths 246, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the five preceding weeks from 16·5 to 21·8, declined again last week to 20·3. During the thirteen weeks ending on Saturday last* the death-rate averaged 17·8 per 1000, and was 2·7 below the mean rate in the corresponding periods of the ten years 1879–88.

The 1690 deaths included 29 from measles, 14 from scarlet fever, 26 from diphtheria, 67 from whooping-cough, 2 from typhus, 13 from enteric fever, 19 from

* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

diarrhœa and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 170 deaths were referred to these diseases, being 84 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10; no case of this disease was under treatment on Saturday last in the Metropolitan Asylums Hospitals, and only 2 in the Highgate Small-pox Hospital. The death of an infant, aged 9 months, in Islington, was attributed to chicken-pox. The fatal cases of *measles*, which had been 41, 30, and 35 in the three preceding weeks, declined last week to 29, and were 46 below the corrected average; 4 belonged to Chelsea, 3 to Bethnal Green, 4 to Whitechapel, 3 to St. George-in-the-East, and 3 to Stepney sanitary areas. The deaths from *scarlet fever*, which had been 12 and 22 in the two previous weeks, declined again last week to 14, and were 29 below the corrected average; 2 belonged to Islington, 2 to St. Luke, and 2 to Camberwell sanitary areas. The Metropolitan Asylum and London Fever Hospitals contained 1609 scarlet fever patients at the end of last week, against 1667 and 1594 on the two preceding Saturdays; 103 cases were admitted to these hospitals during the week, against 154, 144, and 115 in the three preceding weeks. The deaths from *diphtheria*, which had been 47, 35, and 27 in the three previous weeks, further declined last week to 26, but exceeded the corrected average by 6; 2 belonged to Kensington, 2 to Marylebone, 2 to Islington, 3 to Shoreditch, 2 to Bethnal Green, 2 to Bermondsey, and 3 to Battersea sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 14 and 13 in the two previous weeks, rose last week to 19, and exceeded the corrected average by 4; 12 were of infants aged under one year, and 4 of persons aged upwards of 60 years.

The deaths referred to *enteric fever*, which had been 8, 15, and 12 in the three preceding weeks, were last week 13, and were 4 below the corrected average; 2 belonged to Bethnal Green and 2 to Lambeth sanitary areas. The 2 fatal cases of typhus were recorded in the South-Eastern Fever Hospital at Deptford; they were of a labourer, aged 55 years, and of the wife of a labourer, aged 52 years, both of whom were admitted to the hospital from 29, Vauban Street, Bermondsey, making three deaths from this disease within a fortnight of patients admitted from the same house. The Metropolitan Asylum Hospitals contained 120 cases of enteric fever and 8 of typhus on Saturday last; 15 cases of enteric fever were admitted during the week, against 16 and 15 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 552 and 518 in the two preceding weeks, further declined last week to 467, and were 65 below the corrected average.

Different forms of violence caused 47 deaths, concerning all but one of which inquests were held. Of these 47 deaths, 4 were cases of suicide and one of murder or manslaughter, while the remaining 42 were attributed to accident or negligence. Five of these were caused by vehicles in the streets, 6 by burns or scalds, 2 by drowning, and 13 (including 11 of infants aged under one year) by suffocation.

GREATER LONDON.

In Greater London 2351 births and 2105 deaths were registered, corresponding to annual rates of 21·7 and 19·5 per 1000 of the estimated population. In the Outer Ring 14 deaths from diphtheria, 14 from whooping-cough, 9 from diarrhœa, 5 from scarlet fever, and 5 from measles were registered. The fatal cases of diphtheria included 4 in Croydon, 2 in Brentford, and 2 in West Ham sub-districts; and of the 14 deaths from whooping-cough, 3 occurred in Croydon and 2 in West Ham sub-districts. Two deaths were referred to "fever" in West Ham sub-district.

METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·00 ins.; the lowest reading was 29·39 ins. on Sunday morning, and the highest 30·41 ins. on Thursday morning. The mean temperature of the *air* was 39·8, and 0·7 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Sunday, Monday, and Tuesday, but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·2 miles per hour, which was 1·4 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·61 of an inch. The duration of registered bright sunshine in the week was 3·2 hours, against 10·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 28th December, 1889.

[illegible]

See note on first page of this Return.

TABLE 2. LONDON.—Births and Deaths Registered in the FIFTY-SECOND Week of each of the Eleven Years, 1879–89.

	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	Corrected Weekly Average in 10 Years 1879–88.*	1889
TOTAL Births	1749	2519	2386	2131	1847	1632	2996	2363	2326	1876	2402.3	1815
Males . .	918	1294	1198	1080	945	941	1508	1206	1175	974	1225.6	927
Females . .	831	1225	1188	1051	902	891	1488	1162	1151	902	1176.7	888
TOTAL Deaths	1878	1648	2079	1719	1503	1430	2071	1899	1882	1641	1935.6	1690
Males . .	935	841	1013	888	772	700	957	965	932	846	959.5	869
Females . .	943	807	1066	881	731	730	1114	934	950	795	976.1	821

The numbers in this column are the average weekly numbers in the fifty-second weeks of the ten years 1879–88, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS, and METEOROLOGY in the Last THIRTEEN WEEKS.

	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.
TOTAL Births	2364	2595	2518	2580	2623	2658	2522	2517	2321	2270	2535	2513	1815
TOTAL Deaths	1381	1321	1410	1310	1317	1350	1451	1375	1448	1683	1768	1816	1690
Ages at Death													
{ 0–20 years	630	581	590	562	599	606	667	660	647	713	719	723	651
{ 20–40 "	201	187	209	163	200	181	188	176	184	196	227	216	220
{ 40–60 "	230	227	274	250	209	245	254	259	266	294	312	343	332
{ 60–80 "	261	263	272	283	253	265	265	222	292	392	418	424	396
{ at 80 years & upwds.	59	63	65	52	56	53	77	55	59	88	92	105	91
"													
{ Under 1 year	376	321	320	276	323	310	343	335	333	353	375	364	326
{ 1–5 "	172	175	187	200	212	209	235	233	227	265	247	261	232
{ 5–20 "	82	85	83	86	64	87	89	93	87	95	97	98	93
Deaths from Small-pox	-	-	-	-	-	1	-	-	-	-	-	-	-
" Measles	9	13	23	17	22	20	33	33	18	41	30	35	29
" Scarlet fever	20	15	25	27	20	23	24	17	19	24	12	22	14
" Diphtheria	45	35	41	37	31	23	38	30	33	47	35	27	26
" Whooping-cough	14	14	26	22	21	24	37	31	44	47	49	60	67
" Typhus	-	1	1	1	-	-	1	-	-	-	-	1	2
" Enteric fever	19	16	11	21	19	11	20	22	15	8	15	12	13
" Simple Cont'd fever	2	-	2	1	-	-	-	2	1	2	-	-	-
" Diarrhœa and Dysentery	52	28	22	15	17	17	16	17	12	12	14	13	19
" Cholera	1	-	-	-	-	1	-	-	-	-	-	-	-
" all the above-mentioned Diseases	162	122	151	141	130	120	169	152	142	181	155	170	170
" Dis. of Respiratory System	225	264	300	281	300	318	321	328	345	432	552	518	467
" Phthisis	148	129	184	141	125	141	154	169	183	161	182	161	180
" Dis. of Circulatory System	123	127	115	115	104	122	121	113	126	165	163	189	158
Violent Deaths	62	50	57	49	59	51	65	57	53	56	55	69	47
Inquest Cases	119	99	112	101	123	97	122	114	113	128	124	156	121
Deaths in Public Institutions	335	314	332	319	309	313	363	314	336	358	422	419	400
TEMPERATURE OF THE AIR													
Mean	48.9	49.8	49.4	46.7	47.3	47.3	46.8	44.9	37.6	32.1	38.1	43.5	39.8
Mean of Highest readings	56.7	58.4	57.8	53.7	54.0	53.3	52.7	48.2	43.4	35.8	42.5	47.3	44.0
Mean of Lowest readings	43.8	42.6	41.6	41.5	41.4	40.8	41.0	41.8	32.0	27.8	31.9	38.1	35.2
Humidity of the Air	89	82	88	94	88	90	93	94	84	85	92	94	90
Rain-fall in inches	0.90	0.57	0.70	1.07	0.78	0.26	0.01	0.13	0.32	0.23	0.23	0.33	0.61
Registered Sunshine (in hours)	10.0	31.1	17.3	8.1	23.1	3.9	11.9	0.0	5.9	8.4	4.4	2.1	3.2

METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., Brighton; John Merrifield Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeadsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

Deaths from different Causes.

539

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-SECOND Week of the Year 1889.

CAUSES OF DEATH.		Corrected Averages for the 52nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd December 1889.										Corrected Averages for the 52nd Weeks of the 10 years 1879-88.*	In the Week ending Saturday, 23rd December 1889.									
			Deaths of Persons of the Ages											Deaths of Persons of the Ages									
			ALL AGES.	Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.	ALL AGES.		Under 20.				20 and under 40.	40 and under 60.	60 and under 80.	80 Years and upwards.		
				0-1.	1-5.	5-20.	0-1.							1-5.	5-20.								
ALL CAUSES - -		1935.6	1690	326	232	93	220	332	396	91													
Small-pox	{ Vaccinated† - - - - - Unvaccinated - - - - - No Statement - - - - - }	9.6 {	-	-	-	-	-	-	-	-													
Measles -		75.2	29	6	20	3	-	-	-	-													
Scarlet Fever -		43.1	14	-	11	3	-	-	-	-													
Typhus -		0.5	2	-	-	-	-	2	-	-													
Relapsing Fever † -		0.0	-	-	-	-	-	-	-	-													
Influenza -		0.2	-	-	-	-	-	-	-	-													
Whooping-cough -		71.8	67	80	36	1	-	-	-	-													
Diphtheria -		20.0	26	2	16	8	-	-	-	-													
Simple Continued and Ill-defined Fever -		1.5	-	-	-	-	-	-	-	-													
Enteric Fever -		17.1	13	-	-	5	5	3	-	-													
Cholera -		0.2	-	-	-	-	-	-	-	-													
Diarrhoea, Dysentery -		14.5	19	12	2	-	1	-	4	-													
Remittent Fever† -		0.3	-	-	-	-	-	-	-	-													
Hydrophobia -		0.1	-	-	-	-	-	-	-	-													
Glanders -		0.0	-	-	-	-	-	-	-	-													
Cowpox and Effects of Vaccination † -		0*	1	1	-	-	-	-	-	-													
Venerable Affections -		9.6	7	6	-	-	1	-	-	-													
Erysipelas -		7.3	3	1	-	-	1	1	-	-													
Pyæmia and Septicæmia †		3.3	3	1	-	1	1	-	-	-													
Puerperal Fever -		6.4	5	-	-	5	-	-	-	-													
Other Zymotic Diseases †		2.3	1	1	-	-	-	-	-	-													
Thrush -		1.7	2	2	-	-	-	-	-	-													
Worms and other Parasitical Diseases -		0.2	-	-	-	-	-	-	-	-													
Starvation, Want of Breast-milk † -		1.4	3	2	-	-	1	-	-	-													
Alcoholism -		6.0	10	-	-	-	7	3	-	-													
Rheumatic Fever, Rheumatism of Heart†		9.4	6	-	-	1	3	2	-	-													
Rheumatism †		2.3	1	-	-	-	-	1	-	-													
Gout -		3.7	6	-	-	-	-	-	4	-													
Rickets †		2.3	-	-	-	-	-	-	-	-													
Cancer -		51.0	67	-	2	2	2	30	31	-													
Tabes Mesenterica -		24.1	15	9	2	1	3	-	-	-													
Tubercular Meningitis -		25.3	21	7	10	4	-	-	-	-													
Phthisis -		179.5	180	-	3	16	36	63	12	-													
Scrofula, Tuberculosis -		15.6	12	3	4	2	2	1	-	-													
Other Constitutional Diseases †		11.4	8	-	-	-	4	4	-	-													
Premature Birth -		38.4	44	44	-	-	-	-	-	-													
Atelactæsis †		3.0	8	8	-	-	-	-	-	-													
Congenital Malformations -		6.2	7	7	-	-	-	-	-	-													
Old Age -		64.9	72	-	-	-	-	37	35	-													
Apoplexy -		52.3	43	-	-	2	12	24	5	-													
Epilepsy -		9.3	12	2	1	3	2	2	2	-													
Convulsions -		54.9	40	34	6	-	-	-	-	-													
Other Diseases of Brain and Nervous System †		24.6	90	8	16	8	3	8	36	5													
Diseases of Organs of Special Sense † - -		2.1	2	1	1	-	-	-	-	-													
Diseases of Circulatory System - - -		144.7	158	2	1	9	18	53	65	10													
Croup - - - - -		18.3	14	-	12	2	-	-	-	-													
Bronchitis - - - - -		337.5	280	53	37	1	8	57	98	26													
Pneumonia - - - - -		116.2	121	15	28	6	20	26	25	1													
Pleurisy - - - - -		6.4	12	-	-	-	4	4	4	-													
Other Diseases of Respiratory System -		52.9	39	2	6	-	5	15	10	1													
Dentition † - - - - -		12.9	15	10	5	-	-	-	-	-													
Quinsy, Sore Throat † -		2.6	1	-	1	-	-	-	-	-													
Enteritis - - - - -		7.0	6	2	-	-	1	1	1	1													
Peritonitis - - - - -		8.7	9	-	-	1	6	2	-	-													
Diseases of Liver -		33.7	18	-	1	-	2	9	5	1													
Other Diseases of Digestive System - of		35.0	32	3	-	4	5	4	13	3													
Diseases of Lymphatic System & of Ductless Glands † -		1.2	3	-	1	-	1	1	-	-													
Diseases of Urinary System - - -		45.6	35	-	1	4	7	11	10	2													
Diseases of Generative System - - -		6.6	7	-	-	-	2	4	1	-													
Accidents of Childbirth -		4.7	5	-	-	-	4	1	-	-													
Diseases of Locomotive System † -		7.9	3	-	1	-	2	-	-	-													
Diseases of Integumentary System - -		6.5	4	2	-	-	1	1	-	-													
VIOLENT DEATHS.‡																							
(ACCIDENT.)																							
Fracture and Contusion -		18.9	16	-	2	3	5	3	3	-													
Gunshot Wound -		0.4	1	-	-	-	-	-	-	-													
Cut, Stab -		0.4	1	-	1	-	-	-	-	-													
Burn and Scald -		9.1	6	2	2	-	-	-	1	1													
Poison -		1.1	1	-	-	-	-	-	-	-													
Drowning -		3.9	2	-	1	-	1	-	-	-													
Suffocation -		24.1	13	11	1	1	-	-	-	-													
Otherwise -		2.4	3	2	-	-	1	-	-	-													
(HOMICIDE.)																							
Murder & Manslaughter -		0.9	1	-	-	-	1	-	-	-													
(SUICIDE.)																							
Gunshot Wound -		0.8	1	-	-	-	-	1	-	-													
Cut, Stab -		1.4	1	-	-	-	-	-	1	-													
Poison -		1.7	1	-	-	-	-	-	-	-													
Drowning -		1.1	1	-	-	-	-	-	-	-													
Hanging -		1.0	1	-	-	-	1	-	-	-													
Otherwise -		0.7	-	-	-	-	-	-	-	-													
(EXECUTION.)																							
Hanging -		0.0	-	-	-	-	-	-	-	-													
OTHER CAUSES † -		63.5	42	35	4	1	-	-	2	-													

* The numbers in this column are the average weekly Deaths for the ten years 1879-88, raised by 9.046 per cent. for increase of population.
† As the ten years average could not be correctly ascertained, the average for the seven years 1882-8 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."
§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."

TABLE C. LONDON.—POPULATION; BIRTHS; DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

The DEATHS registered in the Week include																						
REGISTRATION SUB-DISTRICTS.		Enu- mer- ated Popu- lation, 1881.	Total Births	Total Deaths.	Deaths from															Inquest Cases.	Deaths in Public Institutions.	Unclassified Causes of Death.
					Infants under 1 Year of Age.	Persons aged 10 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Diarrhoea.	Violence.						
LONDON		3,815,704	1815	1690	326	487	-	29	14	26	67	2	13	-	19	47	121	400	15			
WEST DISTRICTS		669,638	242	287	46	108	-	5	1	4	12	-	3	-	6	3	15	87	1			
NORTH DISTRICTS		905,947	429	346	64	102	-	4	7	7	11	-	2	-	9	27	76	1	-			
CENTRAL DISTRICTS		282,238	166	119	23	30	-	5	-	2	2	-	1	-	2	7	14	30	1			
EAST DISTRICTS		692,738	353	400	80	82	-	14	2	4	20	-	3	-	5	13	33	118	-			
SOUTH DISTRICTS		1,265,148	685	587	113	165	-	1	4	8	22	2	4	-	6	15	32	88	12			
METROPOLITAN ASYLUM HOS- PITALS OUTSIDE REGISTRATION		-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-			
LONDON		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WEST DISTRICTS.																						
St. Mary Paddington WHH G.J. & W.M.		69888	29	31	7	9	-	1	-	1	3	-	-	-	1	-	-	6	-			
St. John Paddington H - G.J.		37330	4	9	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
Kensington Town Ww - W.M.		120141	39	56	5	29	-	-	-	1	1	-	1	-	-	-	3	28	-			
Brompton H - W.M. & C.		43010	11	7	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Peter Hammersmith - W.M.		7699	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Paul Hammersmith H W.M. & G.J.		64840	33	34	10	7	-	-	-	1	1	-	1	-	1	2	8	-	-			
Fulham Ww - W.M. & C.		42900	33	23	3	9	-	-	-	-	-	-	-	-	-	-	-	-	-			
Chelsea South HHH - C.		30386	8	24	7	6	-	3	-	1	-	-	-	-	1	-	1	2	-			
Chelsea North-west WHHHH - C.		24925	15	22	1	9	-	1	-	-	-	-	-	-	1	-	1	14	-			
Chelsea North-east - C.		32807	11	6	2	2	-	-	-	-	1	-	-	-	-	-	-	-	-			
May Fair WW - G.J.		80353	4	12	1	4	-	-	-	-	-	-	-	-	-	-	-	8	-			
Belgrave WHHH - C.		59220	20	22	2	12	-	-	-	-	-	-	-	-	-	-	-	2	-			
St. John Westminster HHH - C.		35496	11	14	2	5	-	-	-	-	1	-	-	-	1	-	1	6	-			
St. Margaret Westminster H - C.		24679	6	8	1	3	-	-	-	-	-	-	-	-	-	-	-	3	-			
St. James Westminster WHH N.R. & G.J.		29941	5	10	1	2	-	-	-	-	-	-	1	-	-	-	-	-	1			
St. Anne Soho HHHHHH - N.R.		16608	5	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH DISTRICTS.																						
All Souls Marylebone HHHHH W.M.		26759	11	18	2	3	-	-	-	-	-	-	-	-	-	-	2	8	-			
Canvish Square HHHH - W.M.		14891	2	2	1	4	-	-	-	-	-	-	-	-	-	-	-	1	-			
Rectory Marylebone WH G.J. & W.M.		24809	6	6	1	4	-	-	-	-	-	-	-	-	-	-	1	1	-			
St. Mary Maryleb. HHH G.J. & W.M.		21118	26	14	6	3	-	-	-	-	-	-	-	-	-	-	-	2	-			
Christchurch Marylebone HHH - W.M.		33700	16	8	2	1	-	-	-	2	1	-	-	-	-	-	-	-	-			
St. John Marylebone H - W.M.		33633	13	9	2	1	-	-	-	-	-	-	-	-	-	-	-	5	-			
Hampstead WwHHHH N.R. & W.M.		45452	19	15	2	4	-	1	2	-	-	-	-	-	-	-	-	-	-			
Regent's Park Paneras H - W.M.		39115	15	7	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Tottenham-court WHHHH N.R. & W.M.		27729	16	14	4	5	-	-	-	-	1	1	-	-	1	3	6	-	-			
Gray's Inn Lane HHH - N.R.		30247	8	17	3	1	-	-	-	1	-	-	-	-	-	-	-	-	-			
Somers Town H - N.R.		34369	15	8	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Camden Town WH - N.R.		17311	9	9	1	5	-	-	-	-	-	-	-	-	-	-	-	7	-			
Kentish Town W - N.R.		87487	36	23	6	5	-	-	-	-	2	-	-	-	-	-	-	3	1			
Upper Holloway WWHH - N.R.		67946	40	37	5	15	-	-	-	1	2	-	-	-	-	-	-	15	-			
Islington South-west HH - N.R.		100976	40	35	7	11	-	2	-	1	-	1	-	-	-	-	-	-	-			
Islington South-east - N.R.		61825	33	29	7	10	-	-	-	-	-	-	-	-	-	-	-	-	-			
Highbury H - N.R.		52048	27	19	2	4	-	-	-	-	1	-	-	-	-	-	-	-	-			
Stoke Newington H - N.R.		22781	9	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Stamford Hill - E.L.		9277	6	6	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
West Hackney H - N.R.		37310	14	15	2	2	-	-	-	1	-	-	-	-	-	-	-	-	-			
Hackney WwWH - E.L. & N.R.		76911	46	42	5	17	-	-	-	2	2	-	-	-	-	-	-	-	-			
South Hackney - E.L.		39983	23	7	2	3	-	-	-	-	1	-	-	-	-	-	-	-	-			
CENTRAL DISTRICTS.																						
St. George Bloomsbury - N.R.		16681	7	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-			
St. Giles South WH - N.R.		14864	8	7	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Giles North - N.R.		19837	2	5	3	-	-	-	1	-	-	1	-	-	-	-	-	-	-			
St. Martin-in-the-Fields HH N.R. & C.		17508	2	9	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Mary-le-Strand H - N.R.		7515	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Clement Danes H - N.R.		8559	4	7	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Strand Union Workhouse, Edmonton w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Geo. the Martyr HHHHHH N.R.		18671	11	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Andrew Eastern W - N.R.		10706	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Saffron Hill H - N.R.		6533	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. James Clerkenwell - N.R.		17516	9	6	1	2	-	-	2	-	-	-	-	-	-	-	-	-	-			
Amwell Clerkenwell - N.R.		19231	2	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Pentonville - N.R.		14773	8	7	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
Goswell-street - N.R.		17506	7	7	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-			
Old-street H - N.E.		11541	14	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
City-road HHL - N.E.		18628	12	6	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-			
Whitcross-street - N.E.		9217	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Finsbury - N.R.		7463	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Holborn Union Workhouse, Mitcham; w.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Botolph H - N.R. & E.L.		11174	2	5	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-			
Cripplegate - N.R.		7193	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
St. Sepulchre H - N.R.		5358	-	15	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-			
St. Bride W - N.R.		8396	1	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Allhallows Barking - N.R.		13666	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-			
Broad Street H - N.R.		6652	-	-	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-			

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; &—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

REGISTRATION SUB-DISTRICTS.		Enu- merated Popu- lation, 1881.	Total Births.	Total Deaths.	Deaths of Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Deaths from										Inquest Cases, Deaths in Public Institutions.	Uncertified Causes of Death.
								Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric (or Typhoid) Fever.	Simple con- tinued Fever.	Dysentery.	Violence.			
EAST DISTRICTS.																			
Ipswich Shoreditch	N.R. & E.L.	7376	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leonard Shoreditch	HL*	14667	8	7	1	2	-	-	-	-	1	-	-	-	-	-	-	3	-
Ston New Town	W	39937	11	22	6	8	-	-	-	1	-	-	-	-	-	-	-	9	-
Ston Old Town	-	28936	14	6	3	-	-	-	-	1	2	-	-	-	-	-	-	8	-
Wigston WH	N.R. & E.L.	46375	27	22	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-	-	-	-	-	-	-	-	-	-	-	-
Ston Green North	H	51157	26	31	9	2	-	2	-	1	8	-	1	-	-	1	8	-	-
Ston Green South	-	34380	13	15	8	-	-	1	-	-	2	-	1	-	-	-	1	19	-
Ston Green East	WHL*	41405	15	34	3	15	-	-</											

Marleybone Infirmary in Kensington Town sub-district.	Stepney Workhouse in Bromley sub-district.
Central London Sick Asylum in Trevellick Court-road sub-district.	General & Stepney Sick Asylum
Holborn Infirmary in Upper Holloway sub-district.	Westminster Union Industrial School in West Battersea sub-district.
London City Workhouse " Hackney sub-district.	Strand and Holborn Workhouses outside Registration London.
Holborn " " Hoxton New Town sub-district.	St. Saviour's Infirmary in Camberwell sub-district.
Whitechapel " " Mile End Old Town Eastern sub-dist.	Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.
London City " " Mile End Old Town Eastern sub-dist.	
London City " " " and Bromley sub-district.	

TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th December, 1889.

		The DEATHS registered in the Week include																	
Regis- tration District and Sub- district Num- bers.	REGISTRATION SUB-DISTRICTS.	Area in Acres, includ- ing Tidal Water and Fore- shore.	Enu- me- rated Popu- lation, 1881.	BIRTHS.	DEATHS.	Deaths of		Deaths from											
						Infants under 1 Year of Age.	Persons aged 60 Years & upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Inquest Cases.	Deaths in Public Institutions.	Uncertified Causes of Death.	
LONDON—OUTER RING		370,924	950,957	536	415	102	107	-	5	5	4	14	2	9	7	21	36	6	
30:1	Carshalton <i>wL</i> -	12228	21118	15	3	1	2	-	-	-	-	-	-	-	-	-	-	-	
2	Epsom (part of) * <i>WwH</i>	9971	10710	7	5	-	4	-	-	-	-	-	-	-	-	-	3	-	
37:1	Godstone (part of) * -	2754	1235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38:1	Croydon <i>WwEHI</i> -	20851	101241	56	46	9	13	-	-	1	4	3	-	1	1	1	8	-	
2	Mitcham <i>w†</i> -	11697	17932	4	2	-	1	-	-	-	-	-	-	-	-	-	-	-	
39:1	Wimbledon <i>HHH</i> -	3320	15950	6	6	2	2	-	-	-	1	1	-	-	-	-	-	-	
2	Kingston <i>WHH</i> -	8549	38354	17	9	3	-	-	-	-	-	-	-	-	-	1	-	-	
3	Esher (part of) * -	6801	9221	5	4	3	-	-	-	-	-	-	-	-	-	-	-	-	
4	Hampton <i>H</i> -	4573	18589	3	5	-	3	-	-	-	-	-	-	-	-	-	-	-	
40:1	Richmond <i>WH</i> -	2272	21302	4	4	1	2	-	-	-	-	1	-	-	-	-	1	-	
2	Mortlake -	2941	12331	8	8	-	-	-	-	-	-	1	-	1	-	1	-	-	
41:1	Bromley (pt. of) * <i>HH</i>	15669	31142	15	14	3	1	-	-	-	-	1	-	-	1	1	-	-	
2	Chislehurst (pt. of) * <i>WHH</i>	14807	18844	5	4	2	1	-	-	-	1	-	-	-	-	-	-	-	
42:1	Bexley <i>H</i> -	18437	24134	3	6	3	3	-	-	-	-	-	-	-	-	-	-	-	
2	Dartford (W, pt. of) *	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	2	-	
124:1	Sunbury <i>w</i> -	11055	11685	4	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
2	Staines <i>W</i> -	13277	12089	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
125:1	Hillingdon <i>WRH</i> -	6029	10803	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	
2	Uxbridge -	6178	3235	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Hayes <i>wHL</i> -	14587	11523	5	6	1	3	-	-	-	-	-	-	-	-	1	-	-	
126:1	Isleworth <i>WHH</i> -	7008	23737	5	7	1	5	-	-	-	-	-	-	1	-	-	-	-	
2	Twickenham <i>H</i> -	2477	12479	7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Brentford <i>HL</i> -	4345	27649	9	16	4	5	-	-	-	2	1	-	2	-	2	-	-	
4	Chiswick -	1340	15975	7	3	-	2	-	-	-	-	-	-	-	-	-	-	-	
5	Acton <i>wH</i> -	6088	22876	9	9	1	5	-	-	-	-	-	-	-	1	1	-	1	
127:1	Harrow <i>H</i> -	13809	13795	4	4	1	-	-	1	-	-	-	-	-	-	-	1	-	
2	Edgware <i>H</i> -	6994	3749	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Willesden -	4383	27453	26	16	7	-	-	-	-	1	1	-	1	1	2	-	-	
4	Hendon <i>W</i> -	8332	10484	7	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
137:1	Bushey -	9331	6631	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Watford (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
138:1	South Mimms -	15599	6391	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Barnet -	5483	10092	11	3	-	-	-	-	-	-	-	-	-	-	1	-	-	
3	Finchley <i>HL</i> -	4688	17615	7	10	1	2	-	-	-	-	-	-	-	-	-	7	-	
139:1	Hatfield (part of) *	2306	583	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Hornsey <i>H</i> -	3039	37073	26	15	3	4	-	-	1	1	-	-	-	-	2	-	-	
2	Tottenham <i>H</i> -	4642	46456	43	23	3	10	-	-	-	1	1	-	-	-	2	-	-	
3	Edmonton <i>Ww†</i> -	7453	23465	13	8	-	2	-	-	-	-	-	-	-	1	1	3	-	
4	Enfield <i>WH</i> -	12653	19104	10	12	4	1	-	-	-	-	-	-	-	-	1	1	-	
5	Waltham Abbey -	11017	5363	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Chesham -	8490	7735	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
136:1	Stratford -	582	38605	20	16	5	2	-	-	-	-	1	-	-	-	-	-	-	
2	West Ham <i>wvwwH†</i> -	7351	101053	73	77	27	9	-	2	-	2	2	2	2	1	2	-	3	
3	Leyton <i>WwL</i> -	4372	32430	34	34	6	13	-	1	1	-	1	-	-	-	2	11	1	
4	Walthamstow <i>H</i> -	6590	28669	23	13	6	4	-	1	1	1	-	-	1	-	-	-	1	
137:1	Chigwell (part of) * <i>H</i>	11761	9669	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Epping (W, pt. of) *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139:1	Romford (part of) * <i>W</i>	6730	2411	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
2	Ilford -	8493	7645	2	4	2	1	-	-	1	-	-	-	-	-	-	-	-	
3	Barking Town -	4137	9303	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	

* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Daguenham in Romford sub-district also deaths in Workhouses belonging to the Outer Ring in 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th December, 1889.

GREATER LONDON.	Area in Acres, including tidal water and foreshore.	Estimated Population, middle of 1889.	ANNUAL RATE of MORTALITY per 1000 living.		DEATHS from ALL CAUSES.	The DEATHS registered in the Week include											
			From All Causes.	From Diseases in Cols. 8-14.		Deaths of		Deaths from									
						Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.	Deaths in Public Institutions.	
Cols.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16	
GREATER LONDON	448,334	5,642,015	19·5	2·0	2105	428	594	-	34	19	40	81	17	28	54	436	
INNER LONDON	77,410	4,351,738	20·3	2·0	1690	326	487	-	29	14	26	67	15	19	47	400	
OUTER RING	370,924	1,290,277	16·8	2·0	415	102	107	-	5	5	14	14	2	9	7	38	

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,681,747 Persons.

CITIES.	POPULATION (enumerated or estimated).	DATE OF RETURN. Week ending	BIRTHS. Exclusive of Stillborn.	DEATHS.	ANNUAL DEATH- RATE per 1000 living.	DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.							
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping- cough.	Fever.	Diarrhoeal Diseases.	
ALCUTTA - -	433,219	November 9	-	187	22·5	-	2	-	-	-	59	48*	
BOMBAY - -	773,196	" 26	344	381	21·8	1	-	-	-	-	126	20*	
ADRAS - -	398,777	" 8	327	242	31·5	-	6	-	-	-	75	40	
BRIS - -	2,260,945	December 21	1131	1356	31·2	-	14	4	24*	8	34	51	
RUSSELS - (in 8 Faubourgs.)	471,606	" 21	244	208	22·9	-	-	-	-	4	3	13	
AMSTERDAM -	403,083	" 21	266	201	26·2	-	8	-	5	2	3	-	
ROTTERDAM -	197,723	" 21	142	94	24·6	-	-	-	3	-	1	-	
LA HAGUE -	153,440	" 21	82	60	20·3	-	-	-	-	-	1	1	
COPENHAGEN -	307,000	" 21	221	180	30·6	-	-	3	6	4	2	4	
STOCKHOLM -	228,218	" 14	150	139	31·7	-	-	2	4*	-	1	13	
CHRISTIANIA -	133,300	" 21	65	45	16·9	-	5	-	6	1	-	4	
PETERSBURG -	842,883	" 7	-	634	39·2	-	14	21	13	4	10	53	
BERLIN - -	1,439,672	" 7	933	532	19·9	-	2	8	40	7	2	29	
AMSTERDAM (State)	575,276	" 14	424	263	23·9	-	3	1	10*	6	6	21	
BRUSSELS - -	264,196	" 14	165	107	21·1	-	1	1	3*	-	-	-	
PRAGUE - -	315,000	" 21	204	148	24·4	-	1	1	4*	2	-	8	
VIENNA - -	281,000	" 14	222	158	29·2	-	3	1	6*	3	-	20	
VENICE - -	811,434	" 14	516	413	26·5	-	9	2	6	1	1	20	
LA HAGUE -	304,356	" 14	-	166	28·5	-	4	3	6	1	-	2	
PARIS (10 days)	452,907	" 14	216	253	29·0	-	1	4	15	1	14	18	
BRISTOL - -	158,084	" 14	-	96	31·6	1	-	-	5*	-	-	3	
ROME - -	407,936	October 19	-	-	-	-	-	-	-	-	-	-	
PARIS (10 days)-	306,393	November 30	236	221	26·3	-	5	-	2	1	8	19	
VENICE - -	154,369	December 14	79	128	43·3	20	2	-	3	-	1	12	
PARIS - -	374,338	" 5	452	358	49·8	-	-	-	3*	1	20	100	
ALEXANDRIA -	231,396	" 5	254	175	39·5	1	-	-	1	-	6	44	
NEW YORK - -	1,571,300	" 7	-	661	21·9	-	5	6	19	11	7	19	
BROOKLYN - -	834,607	" 7	-	310	19·2	-	1	4	28	4	3	-	
PHILADELPHIA -	1,040,245	" 7	-	352	17·7	-	2	5	20	2	14	1	
BALTIMORE - -	500,343	" 7	-	132	19·0	-	-	1	4	3	7	4	

* Including deaths from croup.

† Including 16 deaths from cholera in Calcutta, and 3 in Bombay.

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, DECEMBER 28TH, 1889.
[Under the Superintendence of the Astronomer Royal.]

Under the Superintendence of the Astronomer Royal.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
TEMPERATURE.										Wind as deduced from Anemometers.										Rain collected in a Gauge whose surface is 8 inches above the level of Ground.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1889.	Phases of the Moon.	BARO-METER.	TEMPERATURE.					Difference between the Air Temperature and Dew Point Temperature.					TEMPERATURE.					Oiler's.					Robinson's.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Of the Air.					Of the Dew Point.					Of the Water of the Thames at Deptford.					General Direction.					Pressure on the Square Foot.					Horizontal Movement of the Air on each Day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			High-est.	Low-est.	Daily Range.	Mean daily value.	De-parture from the average of 6 years.	High-est.	Low-est.	Daily Range.	Mean daily value.	Great-est.	Least.	Degree of Radiation (Saturation equals 100°).	High-est.	Low-est.	On the Grass.	High-est.	Low-est.	On the Grass.	A.M.	P.M.	Great-est.	Least.	Mean of 24 hourly obs.	Miles.	Direction.	Vertical Movement from each Day.	Miles.	Direction.	Vertical Movement from each Day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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DATE.		ELECTRICITY.		Registered Sun above Sunshine, Horizon, in hours.		GENERAL REMARKS.	
SUNDAY.	22	v. p. and v. N. generally.	7.7	0.0	7.7	Generally overcast; frequent rain.	
MONDAY.	23	m. P. throughout.	7.7	3.2	7.7	Cloudless in morning; very fine till afternoon; generally overcast afterwards.	
TUESDAY.	24	w. P. till afternoon; m. P. afterwards.	7.7	0.0	7.7	Overcast with rain till afternoon; cloudless generally afterwards.	
WEDNESDAY.	25	m. P. in morning; s. P. afterwards.	7.7	0.0	7.7	Cloudless in morning; cloudy, gloomy, and foggy in afternoon. Cloudless at night. Hoar frost.	
THURSDAY.	26	s. P. till 9h. A.M.; m. P. till 3h. P.M.; s. P. afterwards.	7.8	0.0	7.8	Overcast; gloom in afternoon; dense fog till evening.	
FRIDAY.	27	m. P. throughout.	7.8	0.0	7.8	Overcast.	
SATURDAY.	28	w. P. in morning; v. P. afterwards.	7.8	0.0	7.8	Overcast till evening; cloudless and foggy with hoar frost at night.	
MEANS.			Sum 54.2	Sum 3.2			

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the mean daily value of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the twenty years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; w, weak; s, strong; and v, variable.

The numbers in column 26, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.46 in. at the beginning of the week to 29.39 in. by 10h. A.M. on the 22nd; increased to 29.57 in. by 3h. P.M. on the 23rd; decreased to 29.40 in. by 10h. A.M. on the 24th; increased to 29.51 in. by 3h. P.M. on the 25th; decreased to 29.40 in. by 10h. A.M. on the 26th; increased to 29.51 in. by 3h. P.M. on the 27th; decreased to 29.40 in. by 10h. A.M. on the 28th; increased to 29.51 in. by 3h. P.M. on the 29th; decreased to 29.40 in. by 10h. A.M. on the 30th; increased to 29.51 in. by 3h. P.M. on the 31st; decreased to 29.40 in. by 10h. A.M. on the 1st; increased to 29.51 in. by 3h. P.M. on the 2nd; decreased to 29.40 in. by 10h. A.M. on the 3rd; increased to 29.51 in. by 3h. P.M. on the 4th; decreased to 29.40 in. by 10h. A.M. on the 5th; increased to 29.51 in. by 3h. P.M. on the 6th; decreased to 29.40 in. by 10h. A.M. on the 7th; increased to 29.51 in. by 3h. P.M. on the 8th; decreased to 29.40 in. by 10h. A.M. on the 9th; increased to 29.51 in. by 3h. P.M. on the 10th; decreased to 29.40 in. by 10h. A.M. on the 11th; increased to 29.51 in. by 3h. P.M. on the 12th; decreased to 29.40 in. by 10h. A.M. on the 13th; increased to 29.51 in. by 3h. P.M. on the 14th; decreased to 29.40 in. by 10h. A.M. on the 15th; increased to 29.51 in. by 3h. P.M. on the 16th; decreased to 29.40 in. by 10h. A.M. on the 17th; increased to 29.51 in. by 3h. P.M. on the 18th; decreased to 29.40 in. by 10h. A.M. on the 19th; increased to 29.51 in. by 3h. P.M. on the 20th; decreased to 29.40 in. by 10h. A.M. on the 21st; increased to 29.51 in. by 3h. P.M. on the 22nd; decreased to 29.40 in. by 10h. A.M. on the 23rd; increased to 29.51 in. by 3h. P.M. on the 24th; decreased to 29.40 in. by 10h. A.M. on the 25th; increased to 29.51 in. by 3h. P.M. on the 26th; decreased to 29.40 in. by 10h. A.M. on the 27th; increased to 29.51 in. by 3h. P.M. on the 28th; decreased to 29.40 in. by 10h. 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